Colour Television **Chassis**

TE3.2E

CA

Service
Service
Service

G_16010_000.eps
260406

Service Manual

Contents	Page
1. Technical Specifications, Connections and Chassis Overview	2
2. Safety Instructions, Warnings, and Notes	5
3. Directions for Use	7
4. Mechanical Instructions	8
5. Service Modes, Error Codes and Fault Finding	9
6. *Block Diagrams, Test Point Overviews, and Waveforms*	
Block Diagram Audio / Video	11
Block Diagram Power Supply	12
I2C Diagram	13
Block Diagram	13
7. *Circuit Diagrams and PWB Layouts*	*Diagram PWB*
Main Panel (05TA085-5): MCU	(A1) 16 23-24
Main Panel (05TA085-5): Video	(A2) 17 23-24

Contents	Page
8. Alignments	37
9. Circuit Descriptions, Abbreviation List, and IC Data Sheets	39
Abbreviation List	42
IC Data Sheets	43
10. Spare Parts List	51
11. Revision List	78

Downloaded from www.Manualslib.com manuals search engine

1. Technical Specifications, Connections and Chassis Overview

Index of this chapter:

1.1 Technical Specifications
1.2 Connections / Control Facilities
1.3 Chassis Overview

1.1 Technical Specifications

1.1.1 Reception

Tuning system	:	PLL
Colour systems	:	PAL B/G, D/K, I
	:	SECAM B/G, L/L'
Sound systems 14"	:	Mono
Sound systems 21"	:	Mono
	:	Nicam B/G, D/K, I, L
A/V connections	:	NTSC 3.58
	:	NTSC 4.43
Channel selections	:	100 channels
	:	UVSH
IF frequency	:	Systems B/G, D/K, L, I: 38.9 MHz
	:	System L': 33.95 MHz
Aerial input	:	75 Ω, Coax

1.1.2 Miscellaneous

Audio output (RMS) 14"	:	1x 1 W Mono
Audio output (RMS) 21"	:	1x 4W Mono
	:	2x 3 W Mono
Mains voltage	:	220 - 240 V
Mains frequency	:	50 Hz
Ambient temperature	:	+ 5 to + 45 deg. C
Maximum humidity	:	90 %
Power consumption	:	50 W (10 %)
Standby Power consumption	:	< 2 W

1.2 Connections / Control Facilities

Downloaded from www.Manualslib.com manuals search engine

1.2.2 Rear Connections 14" & 21"

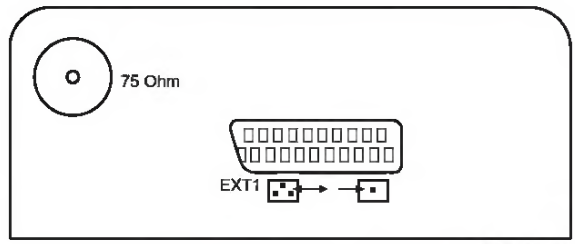


Figure 1-3 Rear Connections

TV Aerial In

Aerial input : 75 Ω, Coax (IEC-type)

External 1: RGB in + CVBS in/out

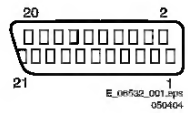


Figure 1-4 SCART connector

1	- Audio	R (0.5 V_{rms} 1 kΩ)	⊖→
2	- Audio	R (0.5 V_{rms} 10 kΩ)	→⊕
3	- Audio	L (0.5 V_{rms} 1 kΩ)	⊖→
4	-	GND	⏚
5	-	GND	⏚
6	- Audio	L (0.5 V_{rms} 10 kΩ)	→⊕
7	- Blue	(0.7 Vpp / 75 Ω)	→⊕
8	- CVBS-status	0 - 2.0 V: INT 4.5 - 12 V: EXT 4:3	

1.2.3 Rear Connections 21PT5421 only

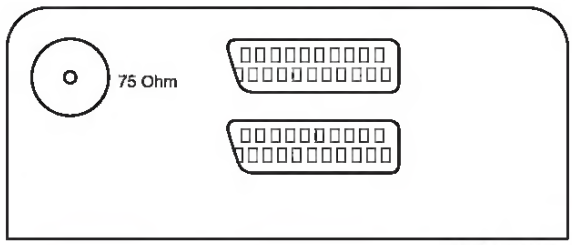


Figure 1-5 Rear Connections

TV Aerial In

Aerial input : 75 Ω, Coax (IEC-type)

External 1: RGB/YUV - In and CVBS - In/Out

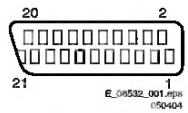


Figure 1-6 SCART connector

1	- Audio - R	0.5 V_rms / 1 kohm	⊖→
2	- Audio - R	0.5 V_rms / 10 kohm	→⊖
3	- Audio - L	0.5 V_rms / 1 kohm	⊖→
4	- Audio - gnd	Ground	⏚
5	- Blue - gnd	Ground	⏚
6	- Audio - L	0.5 V_rms / 10 kohm	→⊖
7	- Blue/U - in	0.7 V_pp / 75 ohm	→⊖
8	- CVBS - status	0 - 2 V: INT 4.5 - 7 V: EXT 16:9 9.5 - 12 V: EXT 4:3	
9	- Green - gnd	Ground	⏚
10	- n.c.		
11	- Green/Y - in	0.7 V_pp / 75 ohm	→⊖
12	- n.c.		
13	- Red - gnd	Ground	⏚
14	- FBL - gnd	Ground	⏚
15	- YC-C - in	0.7 V_pp / 75 ohm	→⊖
16	- n.c.		
17	- Video	Ground	⏚
18	- Video	Ground	⏚
19	- CVBS - out	1 V_pp / 75 ohm	⊖→
20	- Y/CVBS - in	1 V_pp / 75 ohm	→⊖
21	- Shielding	Ground	⏚

1.2.4 Side Connections 21PT5421 only

Audio / Video In

Ye	- Video (CVBS)	1 V_pp / 75 ohm	→⊖
Wh	- Audio - L	0.5 V_rms / 10 kohm	→⊖
Rd	- Audio - R	0.5 V_rms / 10 kohm	→⊖
Bk	- Headphone	8 - 600 Ohm / 4 mW	

Downloaded from www.Manualslib.com manuals search engine

1.3 Chassis Overview

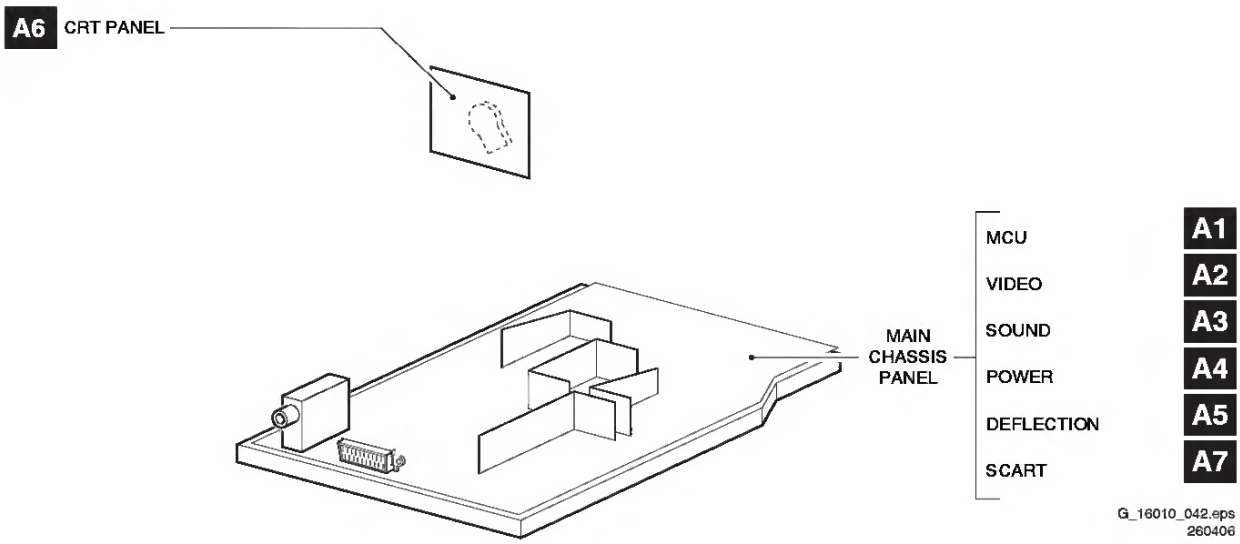
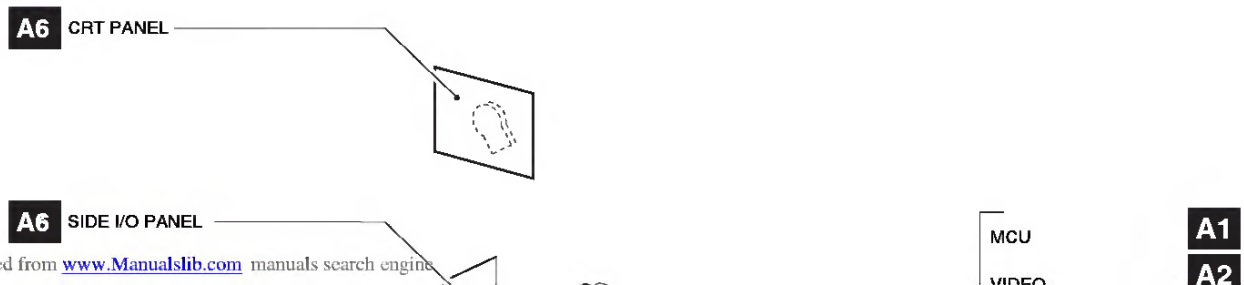


Figure 1-8 Chassis Overview 14" & 21"



Downloaded from www.Manualslib.com manuals search engine

2. Safety Instructions, Warnings, and Notes

Index of this chapter:

2.1 Safety Instructions
2.2 Maintenance Instructions
2.3 Warnings
2.4 Notes

2.1 Safety Instructions

Safety regulations require the following **during** a repair:

- Connect the set to the Mains/AC Power via an isolation transformer (> 800 VA).
- Replace safety components, indicated by the symbol ⚠, only by components identical to the original ones. Any other component substitution (other than original type) may increase risk of fire or electrical shock hazard.
- Wear safety goggles when you replace the CRT.

Safety regulations require that **after** a repair, the set must be returned in its original condition. Pay in particular attention to the following points:

- General repair instruction: as a strict precaution, we advise you to re-solder the solder connections through which the horizontal deflection current flows. In particular this is valid for the:
  1. Pins of the line output transformer (LOT).
  2. Fly-back capacitor(s).
  3. S-correction capacitor(s).
  4. Line output transistor.
  5. Pins of the connector with wires to the deflection coil.
  6. Other components through which the deflection current flows.

Note: This re-soldering is advised to prevent bad connections due to metal fatigue in solder connections, and is therefore only necessary for television sets more than two years old.

- Route the wire trees and EHT cable correctly and secure them with the mounted cable clamps.
- Check the insulation of the Mains/AC Power lead for external damage.
- Check the strain relief of the Mains/AC Power cord for

Downloaded from www.Manualslib.com manuals search engine

1. Perform the "general repair instruction" noted above.
2. Clean the power supply and deflection circuitry on the chassis.
3. Clean the picture tube panel and the neck of the picture tube.

2.3 Warnings

- In order to prevent damage to ICs and transistors, avoid all high voltage flashovers. In order to prevent damage to the picture tube, use the method shown in figure "Discharge picture tube", to discharge the picture tube. Use a high voltage probe and a multi-meter (position V_{DC}). Discharge until the meter reading is 0 V (after approx. 30 s).

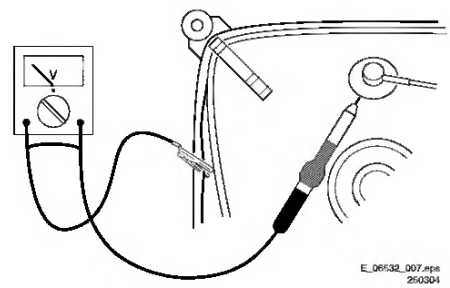


Figure 2-1 Discharge picture tube

- All ICs and many other semiconductors are susceptible to electrostatic discharges (ESD ⚠). Careless handling during repair can reduce life drastically. Make sure that, during repair, you are connected with the same potential as the mass of the set by a wristband with resistance. Keep components and tools also at this same potential. Available ESD protection equipment:
  – Complete kit ESD3 (small tablemat, wristband, connection box, extension cable and earth cable) 4822

semiconductors in the unit, irrespective of the type indication on these semiconductors.

2.4.2 Schematic Notes

- All resistor values are in ohms, and the value multiplier is often used to indicate the decimal point location (e.g. 2K2 indicates 2.2 kohm).
- Resistor values with no multiplier may be indicated with either an "E" or an "R" (e.g. 220E or 220R indicates 220 ohm).
- All capacitor values are given in micro-farads (μ= x10^{-6}), nano-farads (n= x10^{-9}), or pico-farads (p= x10^{-12}).
- Capacitor values may also use the value multiplier as the decimal point indication (e.g. 2p2 indicates 2.2 pF).
- An "asterisk" (*) indicates component usage varies. Refer to the diversity tables for the correct values.
- The correct component values are listed in the Spare Parts List. Therefore, always check this list when there is any doubt.

2.4.3 Rework on BGA (Ball Grid Array) ICs

General

Although (LF)BGA assembly yields are very high, there may still be a requirement for component rework. By rework, we mean the process of removing the component from the PWB and replacing it with a new component. If an (LF)BGA is removed from a PWB, the solder balls of the component are deformed drastically so the removed (LF)BGA has to be discarded.

Device Removal

As is the case with any component that is being removed, it is essential when removing an (LF)BGA, that the board, tracks, solder lands, or surrounding components are not damaged. To remove an (LF)BGA, the board must be uniformly heated to a temperature close to the reflow soldering temperature. A uniform temperature reduces the risk of warping the PWB. To do this, we recommend that the board is heated until it is certain that all the joints are molten. Then carefully pull the component off the board with a vacuum nozzle. For the appropriate temperature profiles, see the IC data sheet.

2.4.4 Lead-free Solder

Philips CE is producing lead-free sets (PBF) from 1.1.2005 onwards.

Identification: The bottom line of a type plate gives a 14-digit serial number. Digits 5 and 6 refer to the production year, digits 7 and 8 refer to production week (in example below it is 1991 week 18).

Figure 2-2 Serial number example

Regardless of the special lead-free logo (which is not always indicated), one must treat all sets from this date onwards according to the rules as described below.

Figure 2-3 Lead-free logo

Due to lead-free technology some rules have to be respected by the workshop during a repair:

- Use only lead-free soldering tin Philips SAC305 with order code 0622 149 00106. If lead-free solder paste is required, please contact the manufacturer of your soldering equipment. In general, use of solder paste within workshops should be avoided because paste is not easy to store and to handle.

Downloaded from www.Manualslib.com manuals search engine

- For sets produced before 1.1.2005, containing leaded soldering tin and components, all needed spare parts will be available till the end of the service period. For the repair of such sets nothing changes.

In case of doubt whether the board is lead-free or not (or with mixed technologies), you can use the following method:
- Always use the highest temperature to solder, when using SAC305 (see also instructions below).
- De-solder thoroughly (clean solder joints to avoid mix of two alloys).

Caution: For BGA-ICs, you **must** use the correct temperature-profile, which is coupled to the 12NC. For an overview of these profiles, visit the website *www.atyourservice.ce.philips.com* (needs subscription, but is not available for all regions)

You will find this and more technical information within the "Magazine", chapter "Repair downloads".
For additional questions please contact your local repair help desk.

2.4.5 Practical Service Precautions

- **It makes sense to avoid exposure to electrical shock.** While some sources are expected to have a possible dangerous impact, others of quite high potential are of limited current and are sometimes held in less regard.
- **Always respect voltages.** While some may not be dangerous in themselves, they can cause unexpected reactions that are best avoided. Before reaching into a powered TV set, it is best to test the high voltage insulation. It is easy to do, and is a good service precaution.

3. Directions for Use

You can download this information from the following websites:
http://www.philips.com/support
http://www.p4c.philips.com

Downloaded from www.Manualslib.com manuals search engine

4. Mechanical Instructions

Index of this chapter:

4.1 Rear Cover Removal
4.2 Service Position Main Panel
4.3 Rear Cover Mounting

Note: Figures below can deviate slightly from the actual situation, due to the different set executions.

4.1 Rear Cover Removal

- Remove all (ten) fixation screws of the rear cover: two at the top, two at each side, three at the bottom and one in the middle of the rear cover. The 14" set has only four fixation screws: two at the top and two at the bottom.
- Now pull the rear cover backward to remove it.

4.2 Service Position Main Panel

- Disconnect the strain relief of the Mains cord.
- Remove the main panel, by pushing the two centre clips outward [1]. At the same time, pull the panel away from the CRT [2].
- Disconnect the degaussing coil by removing the cable from connector KP02.
- Move the panel somewhat to the left and flip it 90 degrees [3], with the components towards the CRT.

4.3 Rear Cover Mounting

Before you mount the rear cover:

- Place the mains cord correctly in its guiding brackets (strain relief).
- Place all cables in their original position.

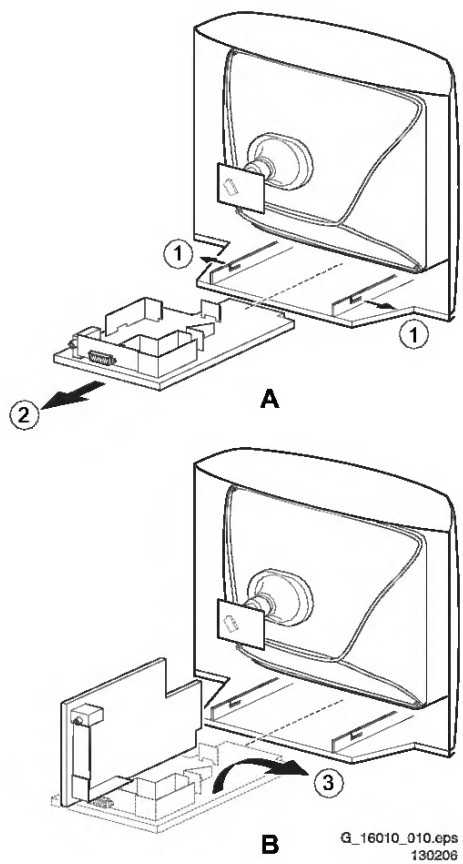


Figure 4-1 Mechanical Service Position

Downloaded from www.Manualslib.com manuals search engine

5. Service Modes, Error Codes and Fault Finding

Index of this chapter:

5.1 Service Modes
5.2 Fault Tracing Diagram for Power Supply

5.1 Service Modes

The Service Mode offers features, which the service technician can use to repair a set. Any feature change, made via the Service Menu, will respond at the same time. All displayed text strings in the Service Modes are in English.

5.1.1 TV Service Mode

Purpose

- To perform alignments (e.g. colour adjustment and geometry alignments)
- To change option settings

Specifications

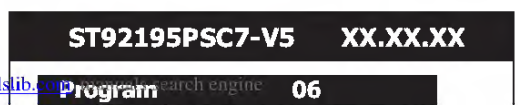
All service unfriendly modes (if present) are disabled, like:

- Auto switch 'off' (when there is no 'ident' signal)
- Timer switch to a channel
- Automatic user menu time-out
- The NVM is unprotected
- AV functions are not working

How to enter the Service Mode

Screen menu's must be 'off', when you enter the Service Mode. Use a standard customer RC transmitter and key in the code 062596 directly followed by the MENU button in 10 seconds.

The following screen is visible when you enter the Service Mode:



How to navigate

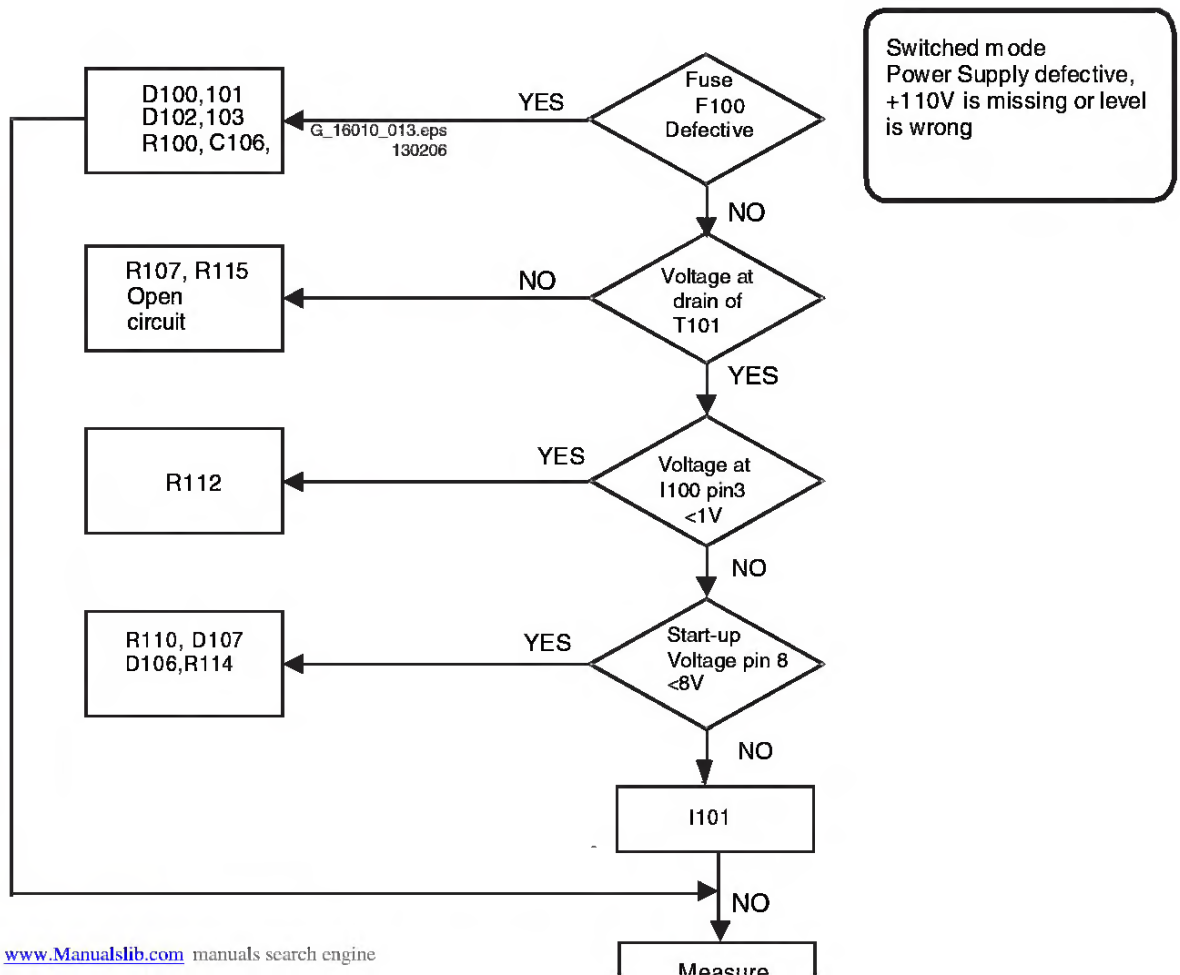
- Select menu items with the CURSOR UP/DOWN keys.
- With the CURSOR LEFT/RIGHT keys, it is possible to change the value of the first item (Program)
- With the CURSOR RIGHT and OK keys, activate the selected menu item.
- When you press the MENU key in a sub menu, you will return to the previous menu.
- When you press the MENU key in the Service Mode menu, you will return to the Main menu.

How to exit

- With the STANDBY command, the set switches to Standby.
- With the MENU key, the set returns to the Main menu. Switching the set 'off' and 'on' with the mains switch, brings the set into normal operation again. All changes in the Service Mode are stored immediately.

Downloaded from www.Manualslib.com manuals search engine

5.2 Fault Tracing Diagram for Power Supply



Downloaded from www.Manualslib.com manuals search engine

Table 5-1 Diversity between Main Board 05TA085-5 and 05TA085-6

Component Pos No	Type/Value	Reason for Modification	Schematic Location	Action	Component
J847	8MM	Removed (D125 Will Be Used)	A1 MCU	removed	jumper
J947	18MM	Emc	A2 Video	New	Jumper
J950	0R SMD	Emc	A2 Video	New	Jumper
J951	0R SMD	Emc	A2 Video	New	Jumper
L325	FB SMD	Mute/demute Problem	A2 Video	New	Inductor coil
D404	LL4148	Plop Sound Problem	A3 Sound	New	Diode
D405	LL4148	Plop Sound Problem	A3 Sound	New	Diode
J425	10MM	Optional Jumper(Sound Output Balance)	A3 Sound	New	Jumper
J948	18MM	Plop Sound Problem	A3 Sound	New	Jumper
R457	3K3 SMD	Plop Sound Problem	A3 Sound	New	Resistor
R458	10K SMD	Plop Sound Problem	A3 Sound	New	Resistor
R459	390R SMD	Plop Sound Problem	A3 Sound	New	Resistor
R460	1K SMD	Plop Sound Problem	A3 Sound	New	Resistor
R461	390R SMD	Plop Sound Problem	A3 Sound	New	Resistor
R462	10K SMD	Plop Sound Problem	A3 Sound	New	Resistor
R463	1K SMD	Plop Sound Problem	A3 Sound	New	Resistor
T411	BC848	Plop Sound Problem	A3 Sound	New	Transistor
T412	BC848	Plop Sound Problem	A3 Sound	New	Transistor
D125	BAT85	Fault Condition Tests	A4 Power	Change DIODE RECT SS13	BAT85
R100	PRS05W	Temperature Problem	A4 Power	Same	Same
R147		Not Used	A4 Power	New	Fuse
R148	FUSE,3A,32V,SMD	Fault Condition Tests	A4 Power	New	Fuse
C626		Fault Condition Tests(Not Used)	A5 Deflection	C626 (New)	not used but added to schematic
J707	0R	Optional Jumper	A7 Scart	New	Jumper
J949	8MM	Emc	A7 Scart	New	Jumper
L721	10uH SMD	Emc	A7 Scart	New	Inductor coil
J952	13MM	Emc			

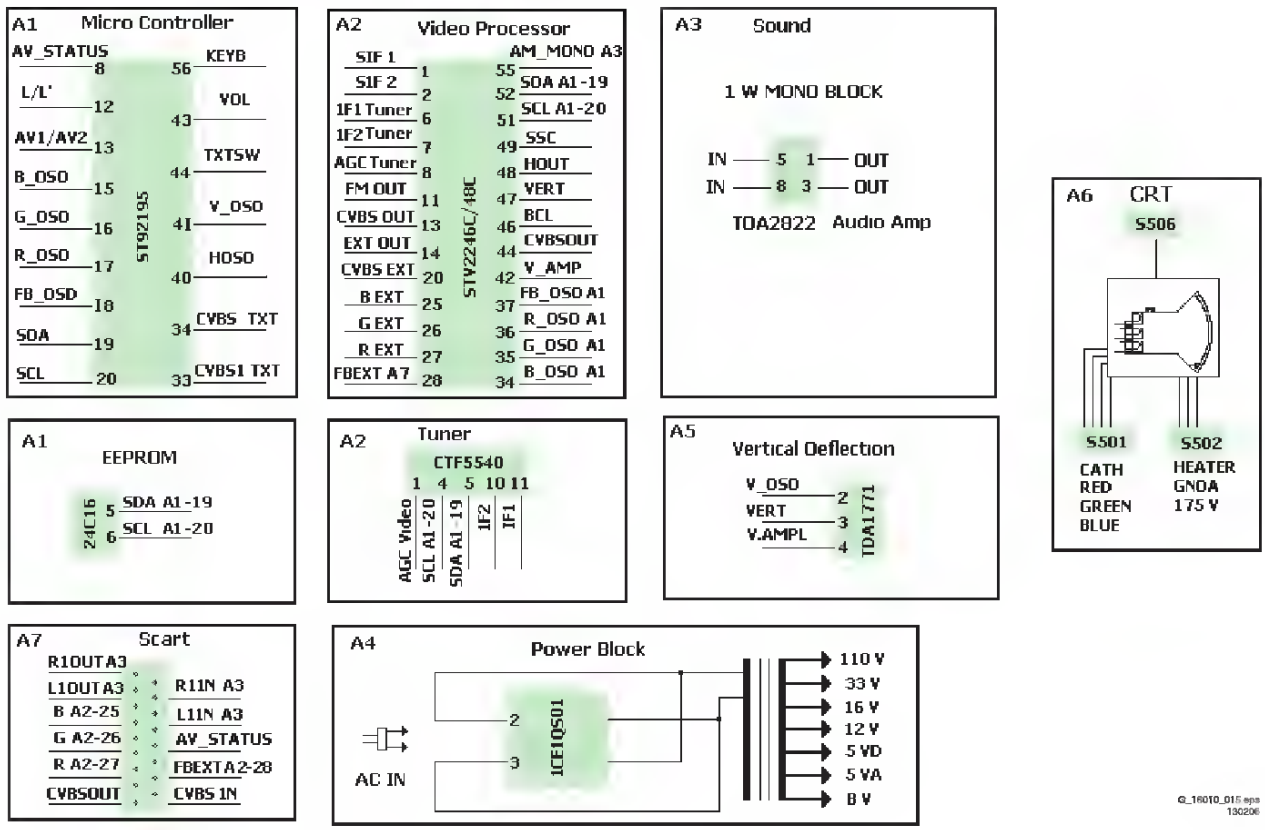
Downloaded from www.Manualslib.com manuals search engine

Personal Notes:

Downloaded from www.Manualslib.com manuals search engine

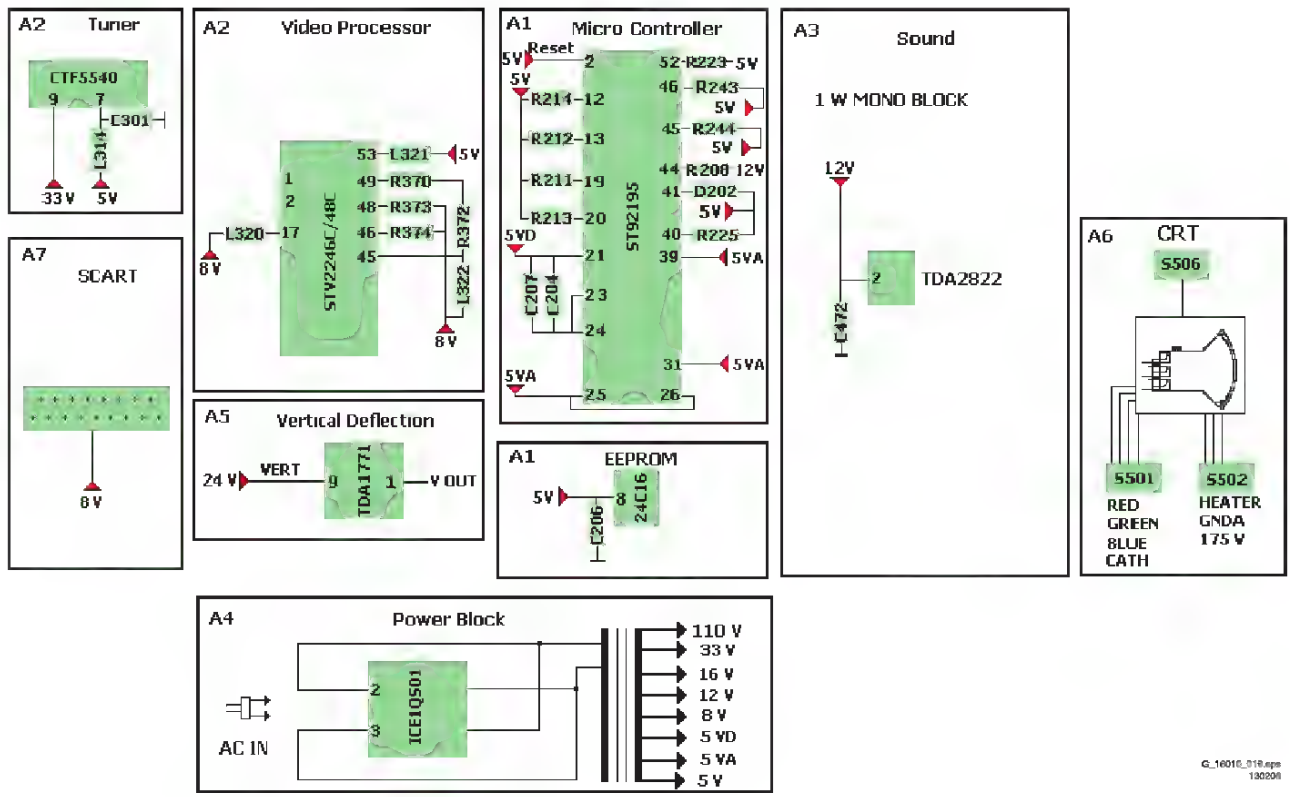
6. Block Diagrams, Test Point Overviews, and Waveforms

Block Diagram Audio / Video



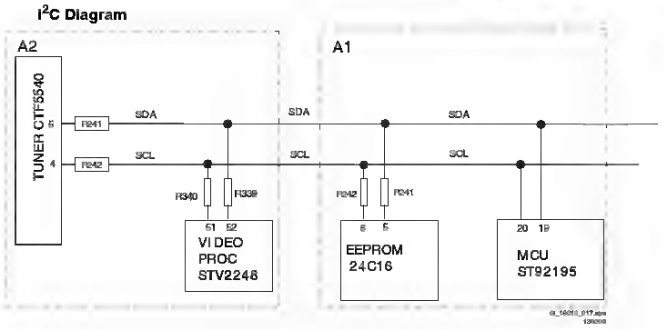
Downloaded from www.Manualslib.com manuals search engine

Block Diagram Power Supply

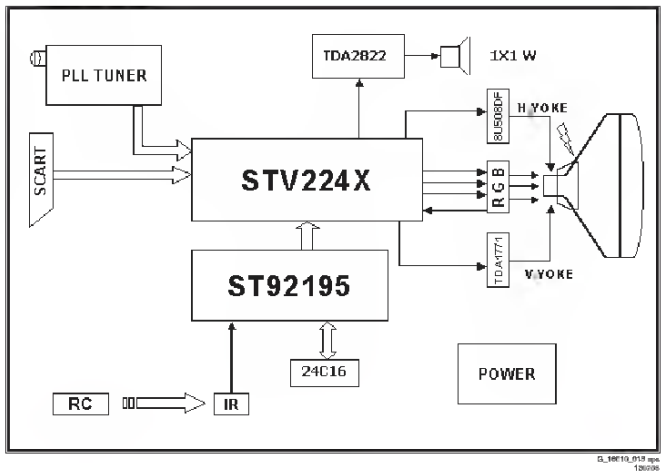


Downloaded from www.Manualslib.com manuals search engine

I²C Diagram



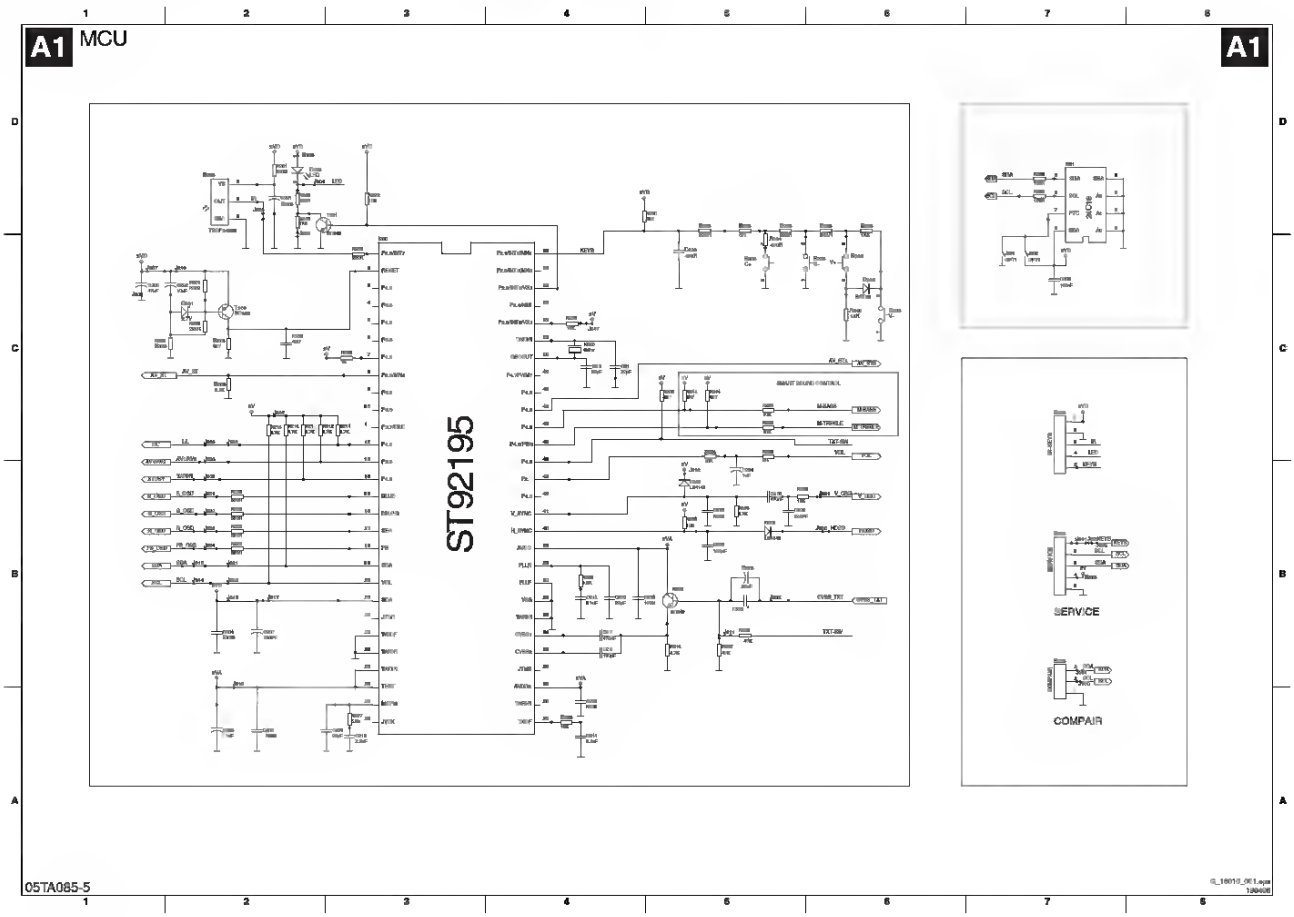
Block Diagram



Downloaded from www.Manualslib.com manuals search engine

7. Circuit Diagrams and PWB Layouts

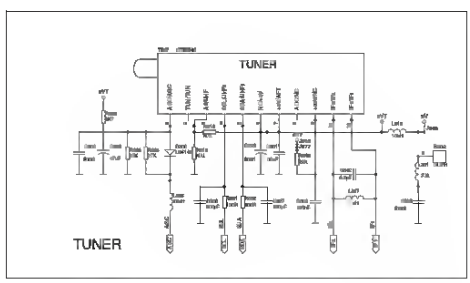
Main Panel (05TA085-5): MCU

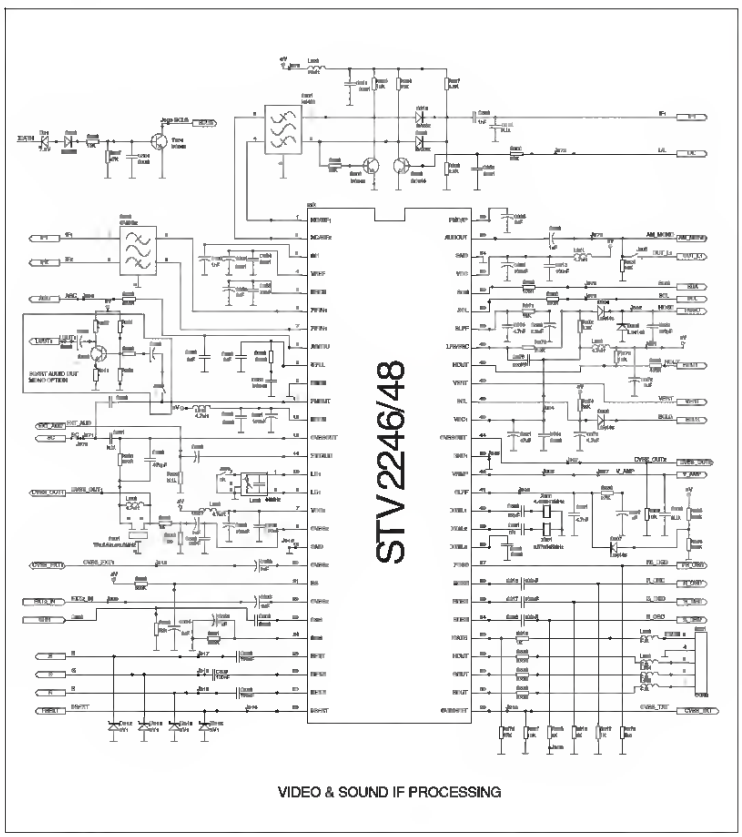


Downloaded from www.Manualslib.com manuals search engine

Main Panel (05TA085-5): Video

A2 VIDEO

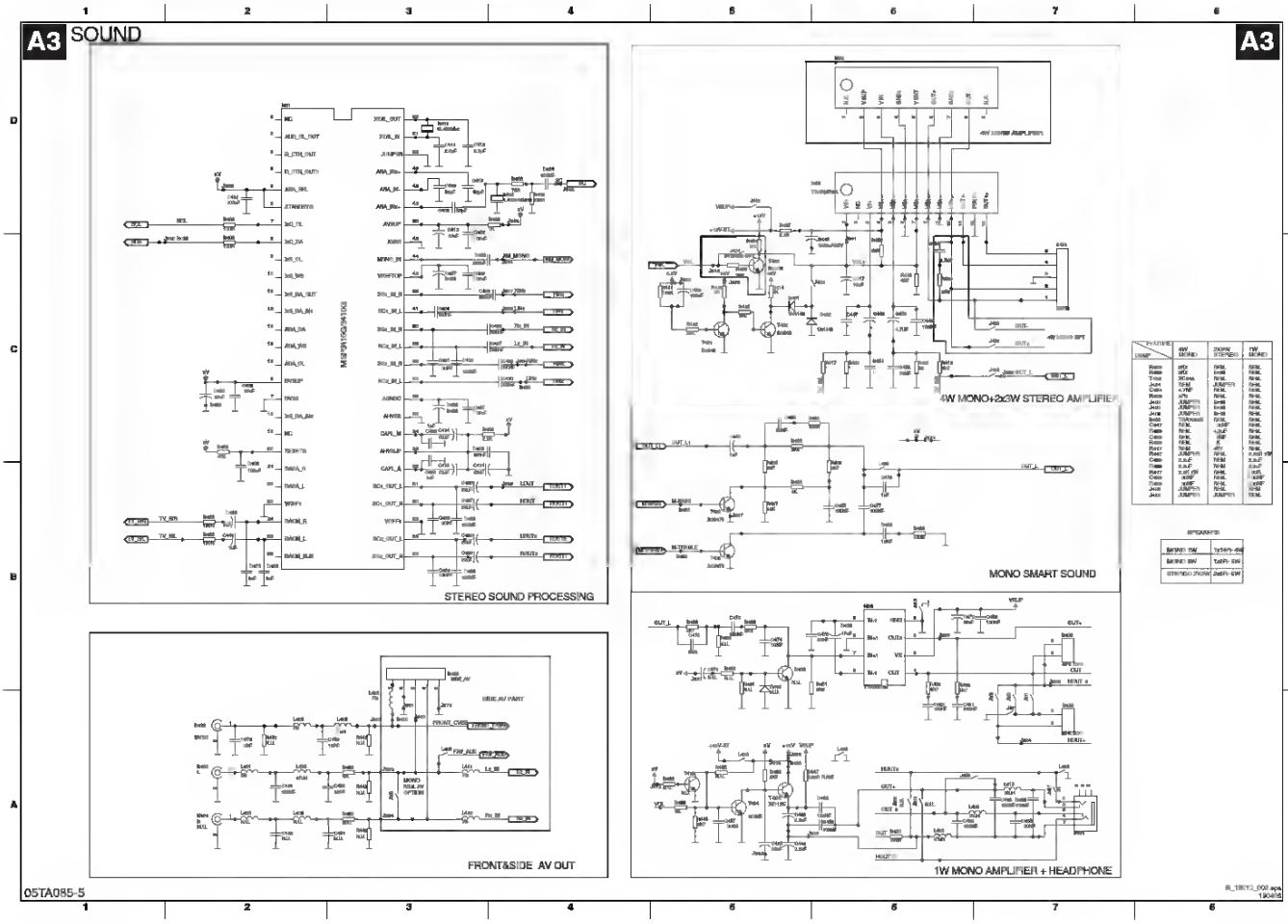




05TA085-5

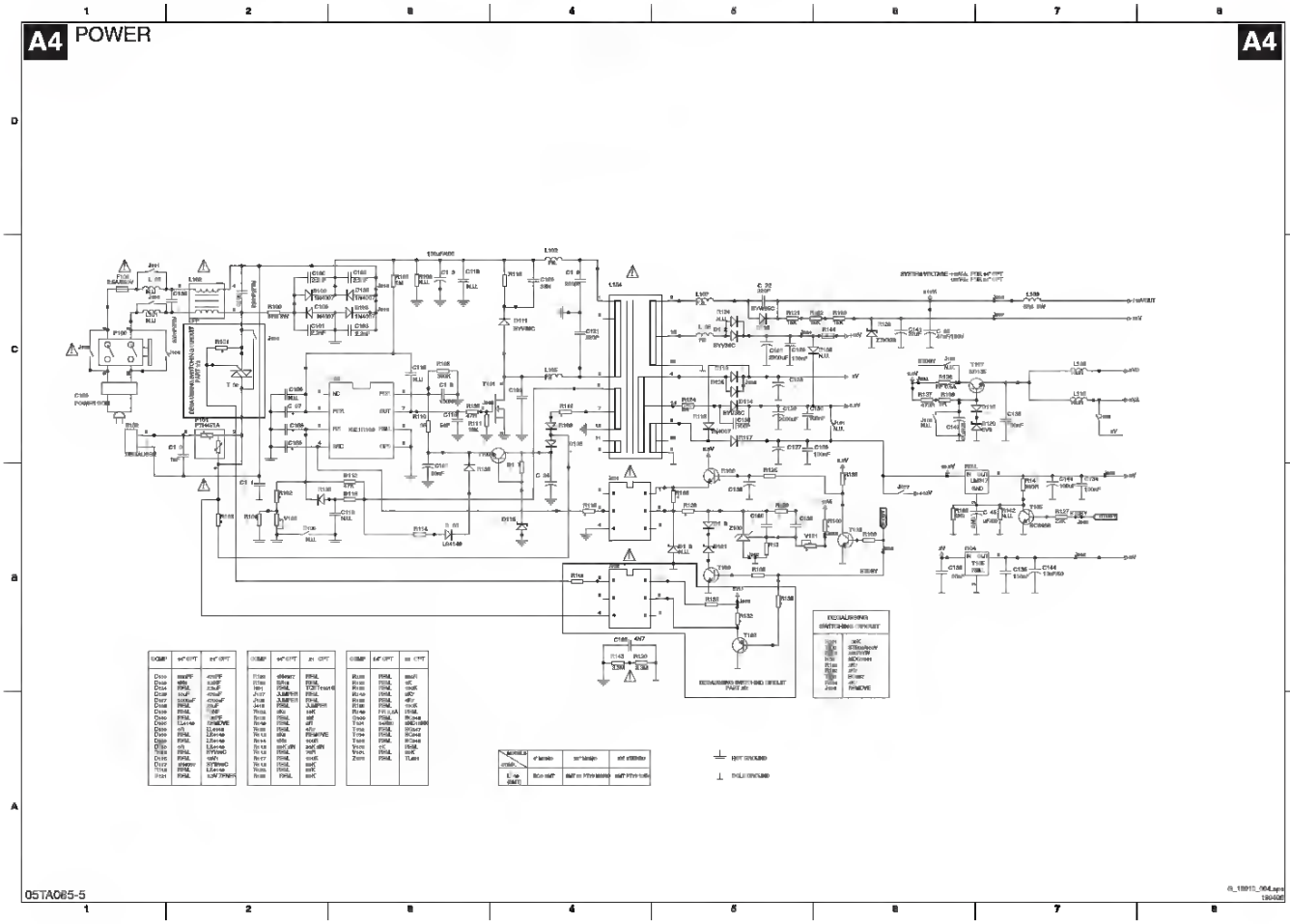
Downloaded from www.Manualslib.com manuals search engine

Main Panel (05TA085-5): Sound



Downloaded from www.Manualslib.com manuals search engine

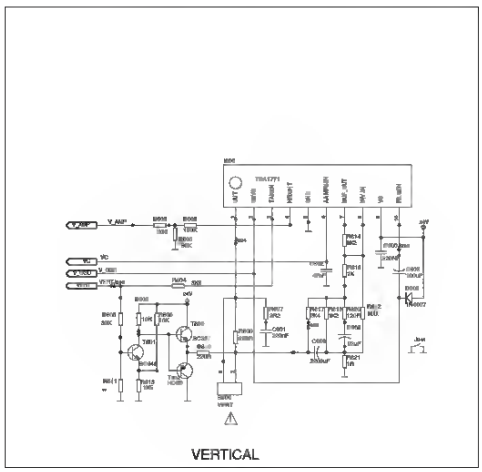
Main Panel (05TA085-5): Power



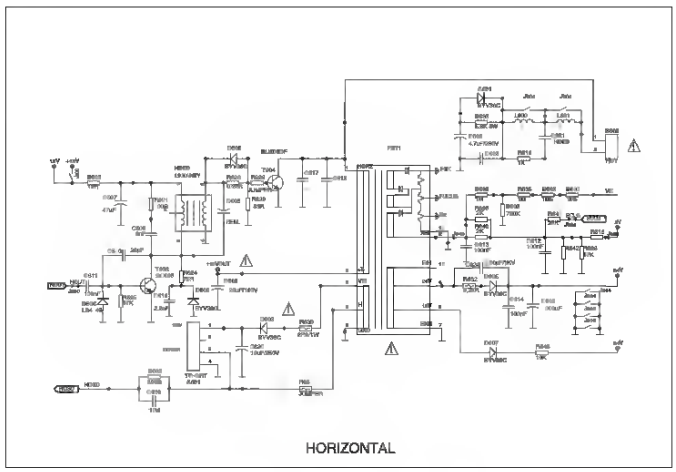
Downloaded from www.Manualslib.com manuals search engine

Main Panel (05TA085-5): Deflection

A5 DEFLECTION



VERTICAL

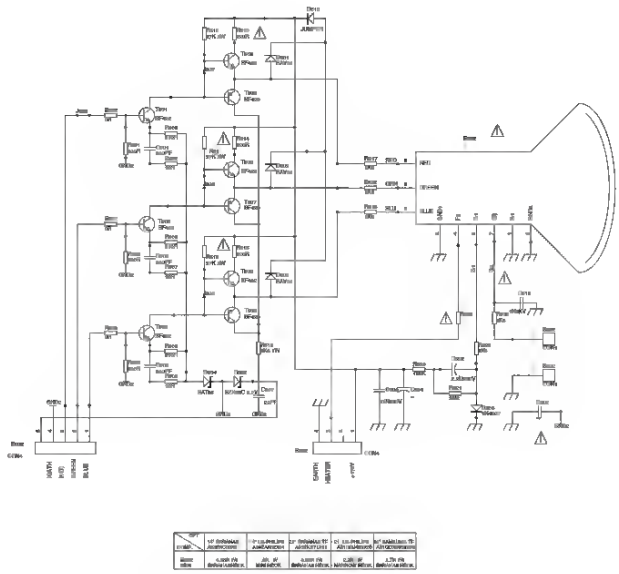


HORIZONTAL

05TA085-5

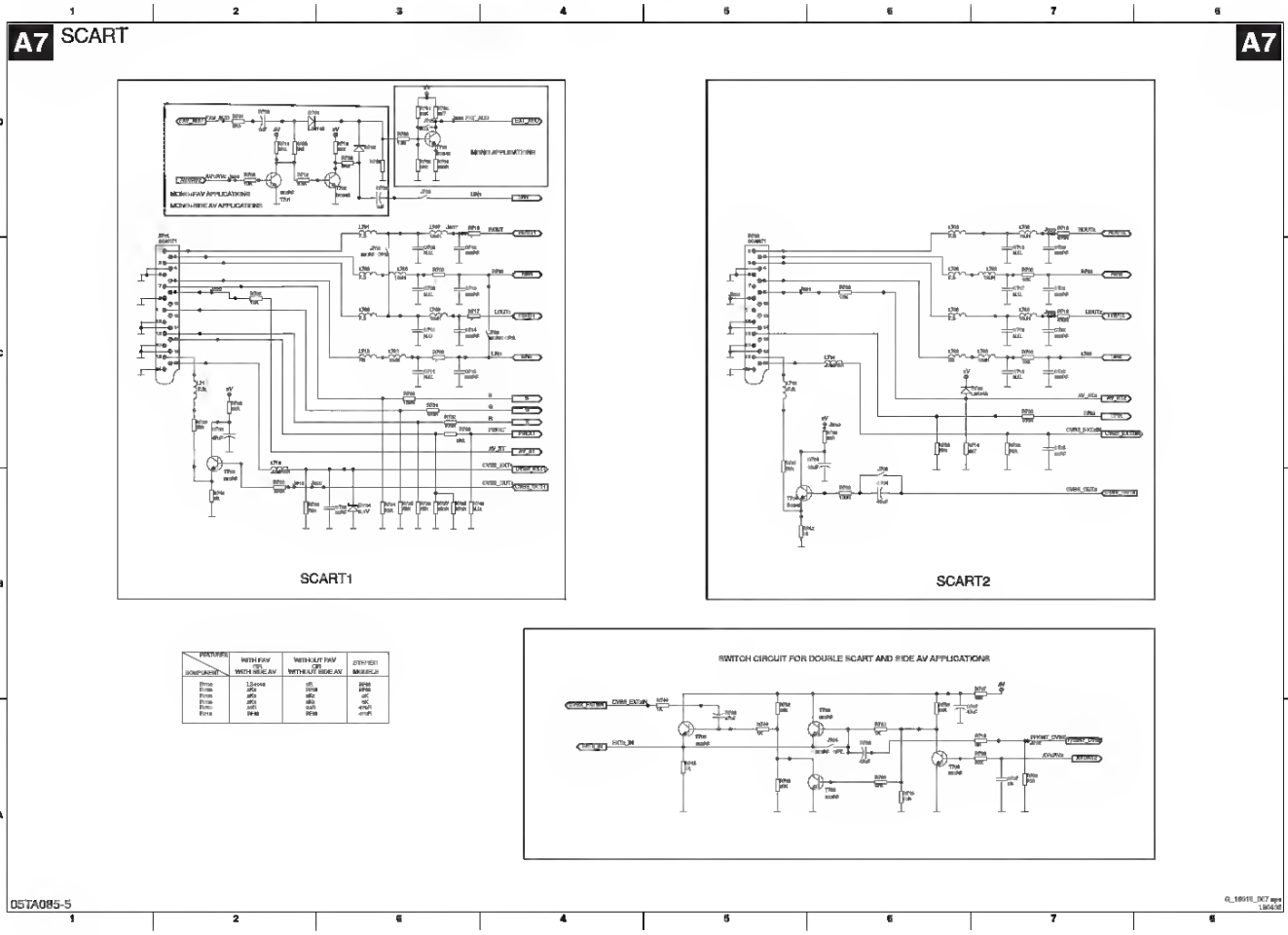
CRT Panel (05TA085-5)

A6 CRT



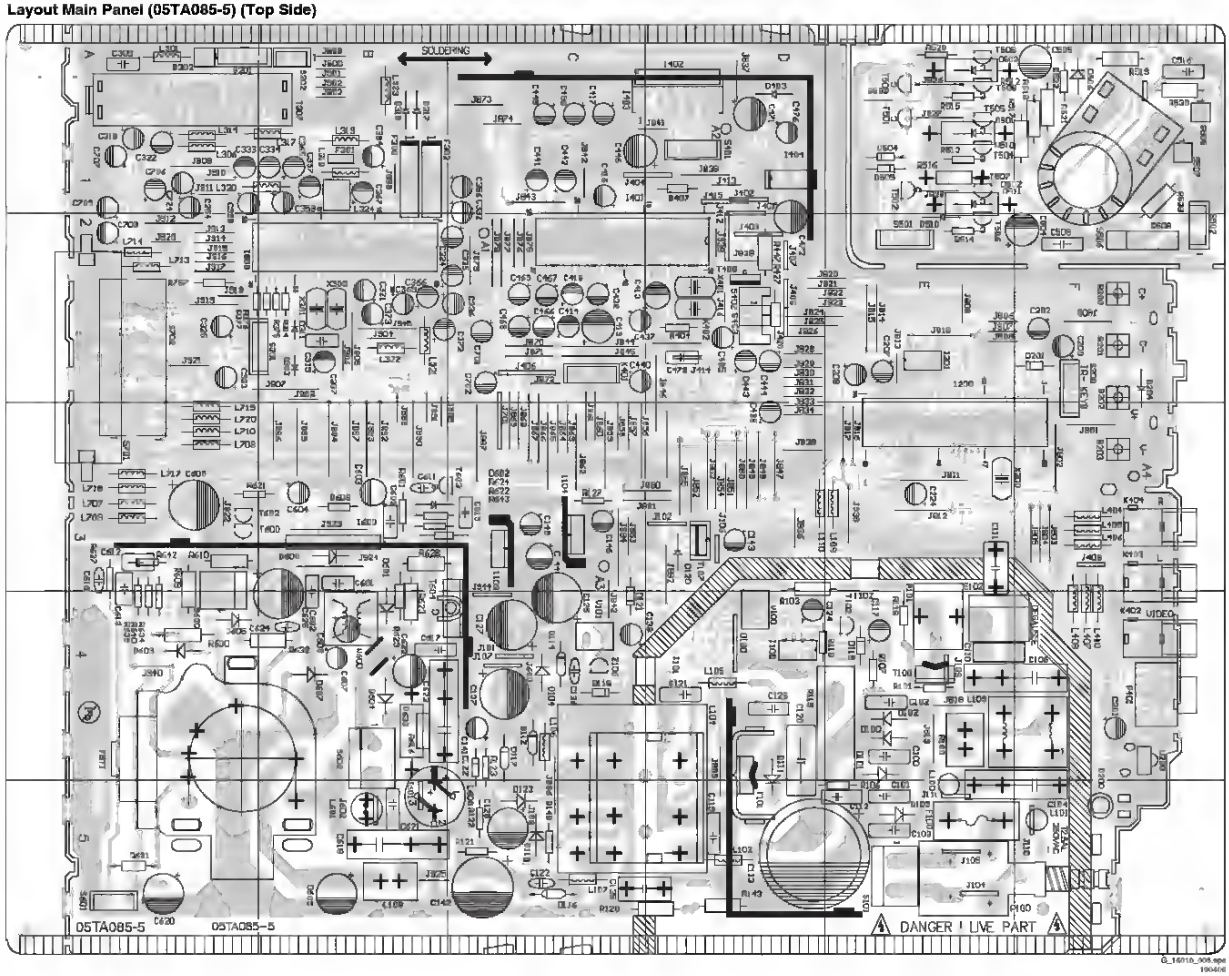
05TA085-5

Main Panel (05TA085-5): SCART



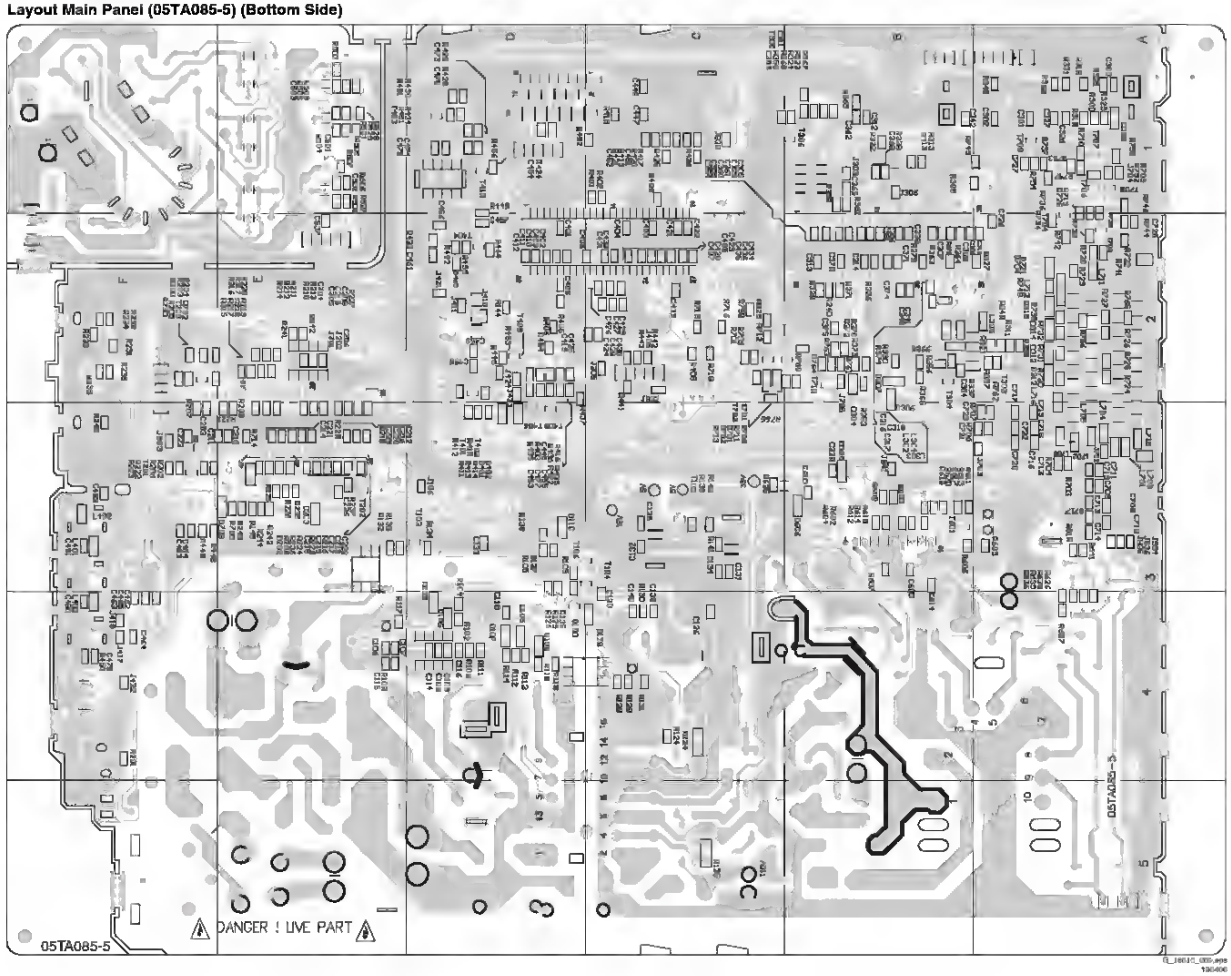
Downloaded from www.Manualslib.com manuals search engine

Layout Main Panel (05TA085-5) (Top Side)



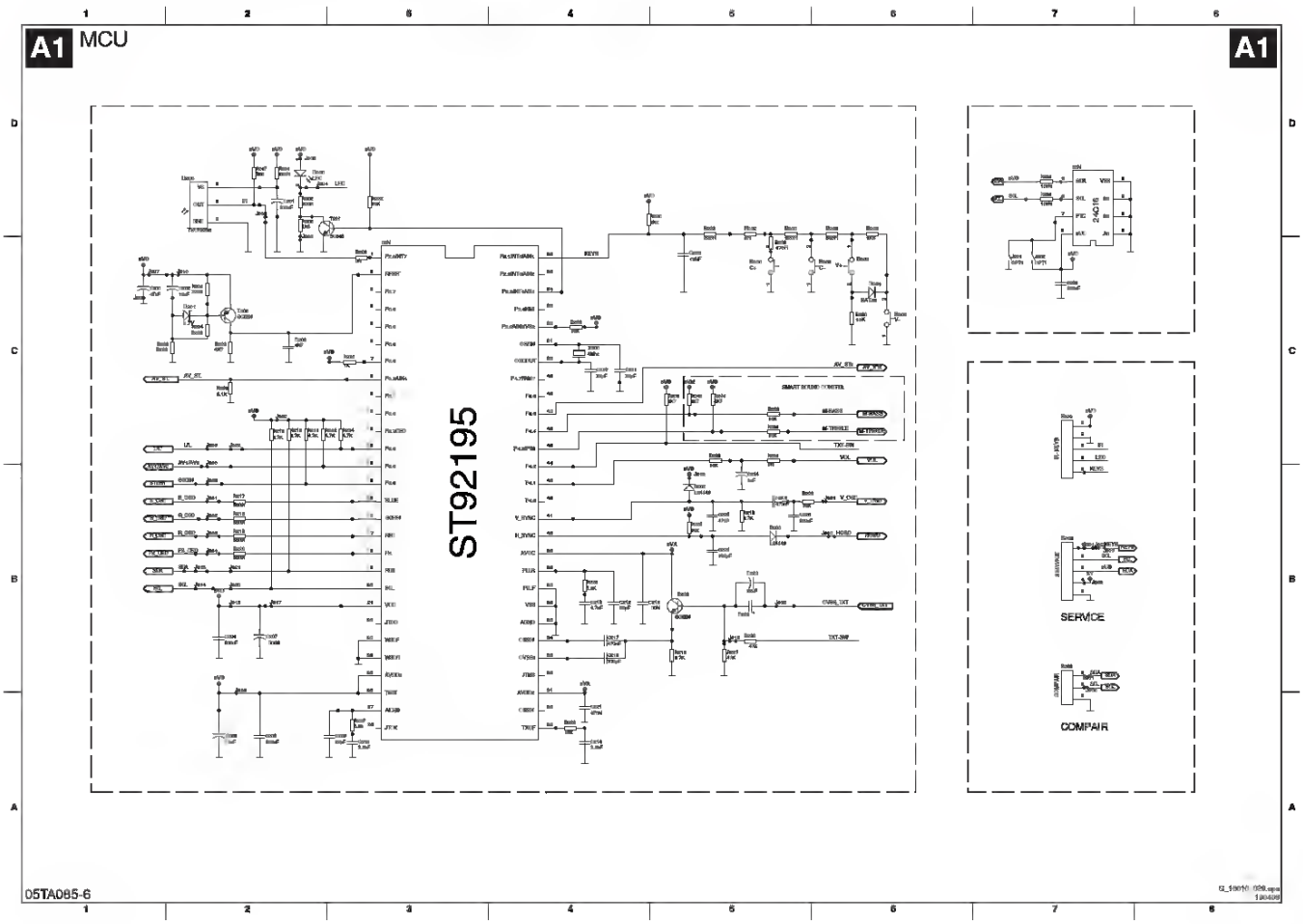
Downloaded from www.Manualslib.com manuals search engine

Layout Main Panel (05TA085-5) (Bottom Side)



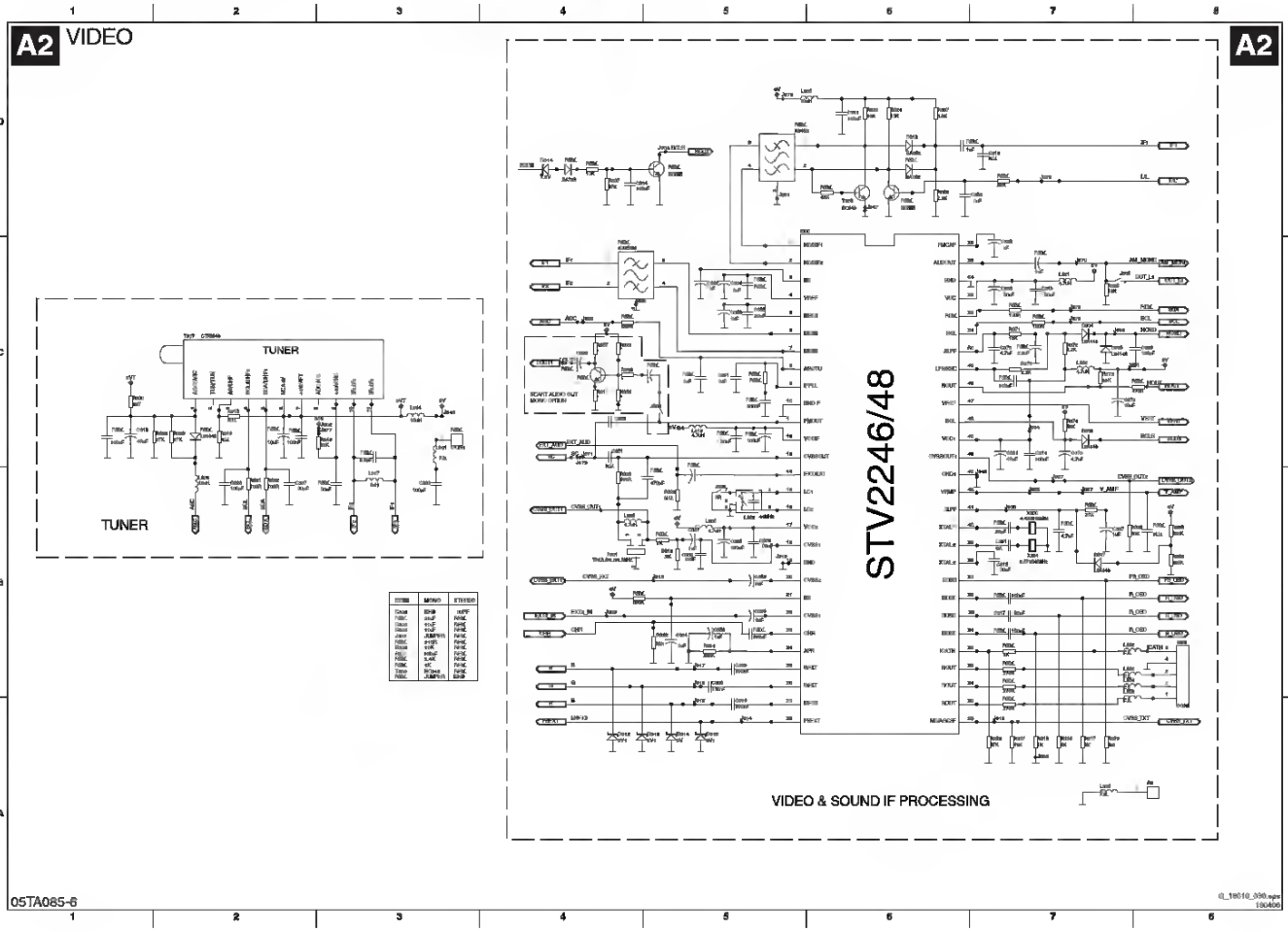
Downloaded from www.Manualslib.com manuals search engine

Main Panel (05TA085-6): MCU



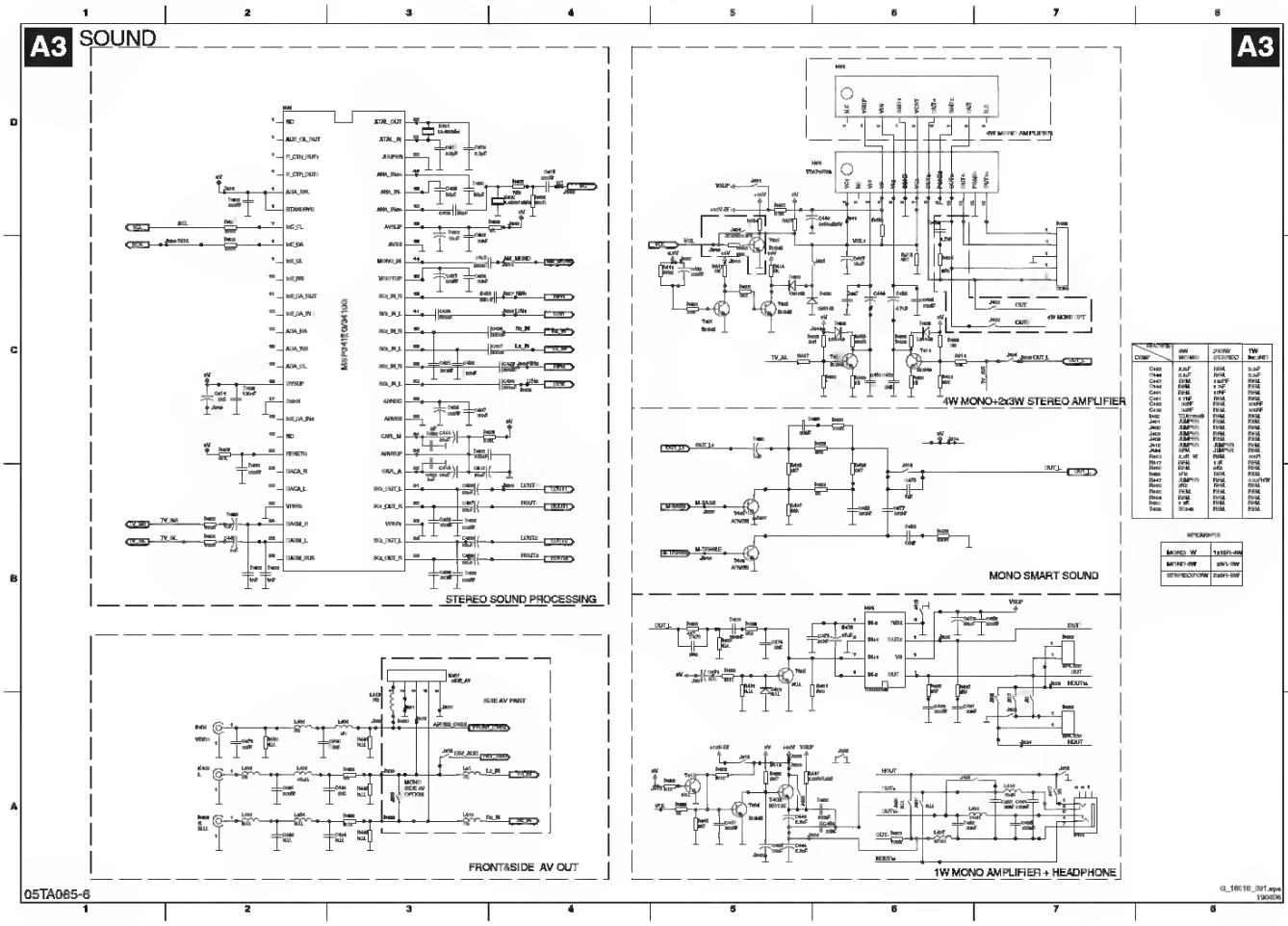
Downloaded from www.Manualslib.com manuals search engine

Main Panel (05TA085-6): Video

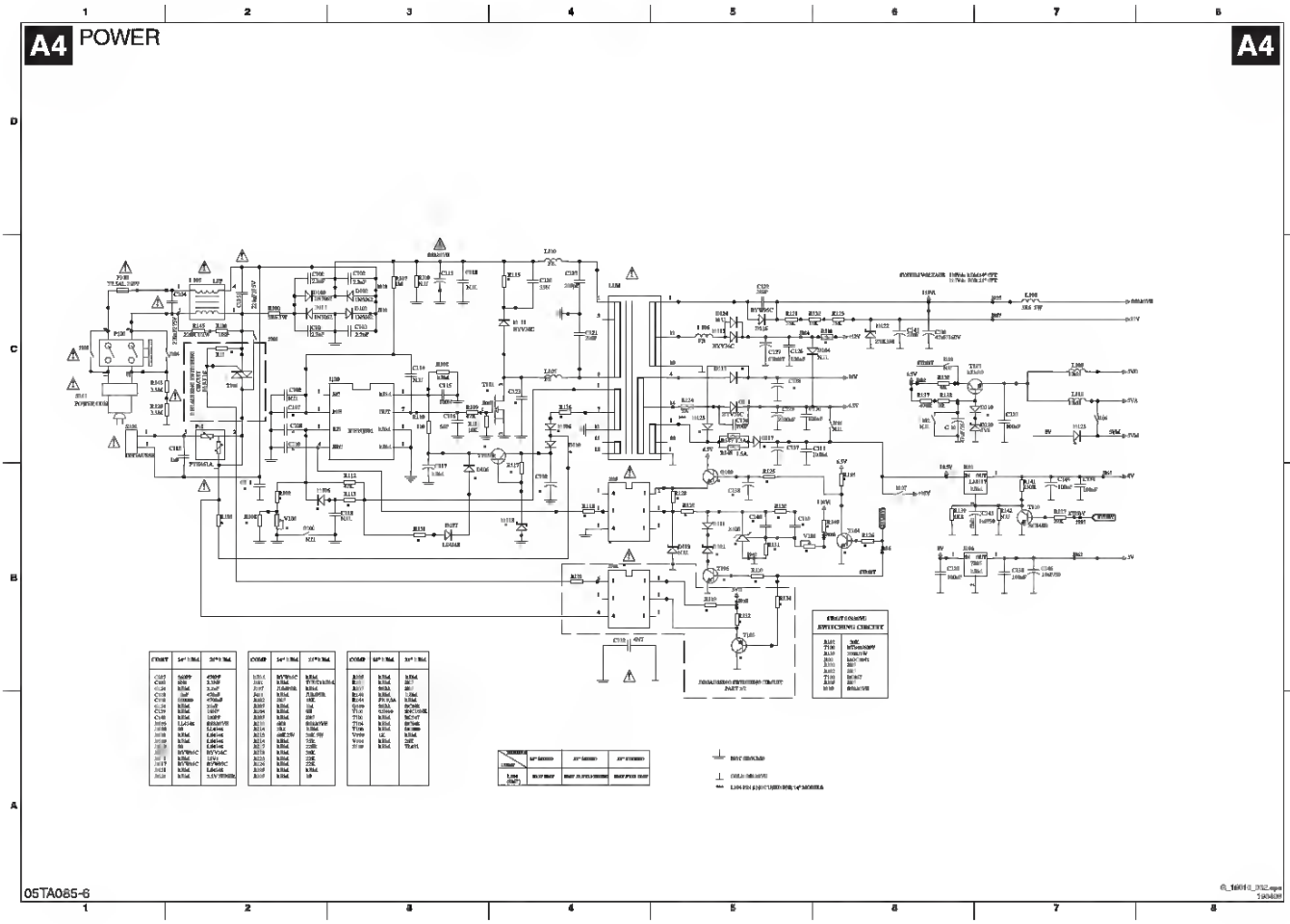


Downloaded from www.Manualslib.com manuals search engine

Main Panel (05TA085-6): Sound



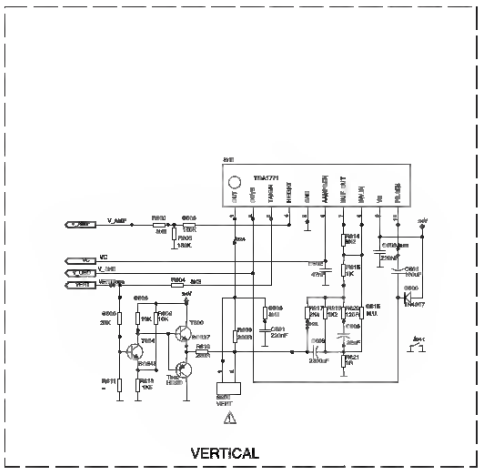
Main Panel (05TA085-6): Power



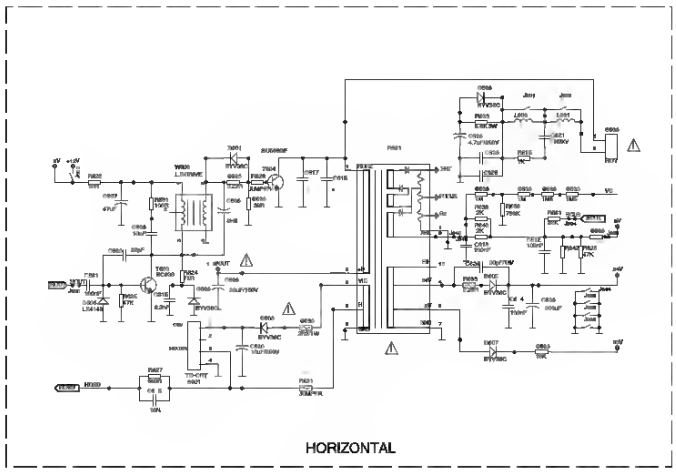
Downloaded from www.Manualslib.com manuals search engine

Main Panel (05TA085-6): Deflection

A5 DEFLECTION A5



VERTICAL



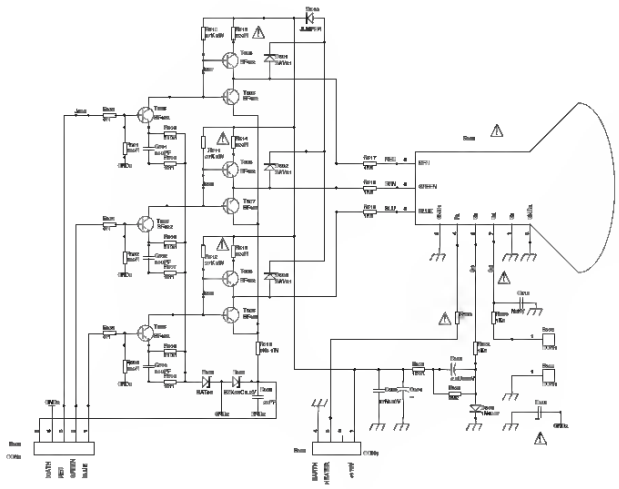
HORIZONTAL

05TA085-6

Downloaded from www.Manualslib.com manuals search engine

CRT Panel (05TA085-6)

A6 CRT

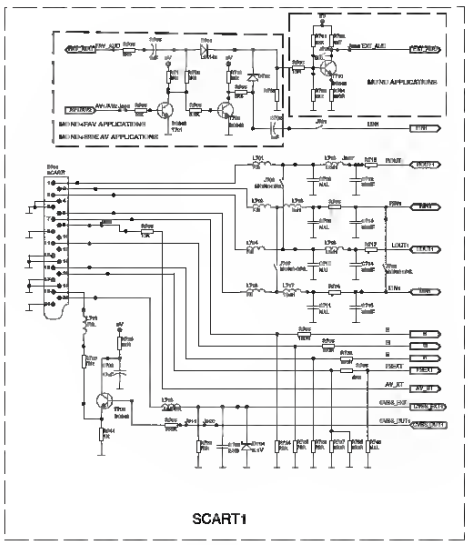


05TA085-6

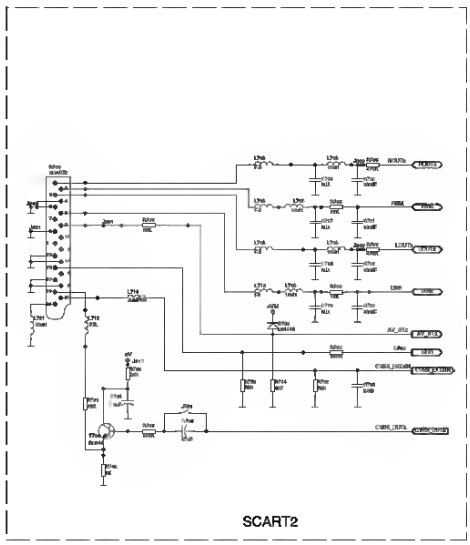
Downloaded from www.Manualslib.com manuals search engine

Main Panel (05TA085-6): SCART

A7 SCART

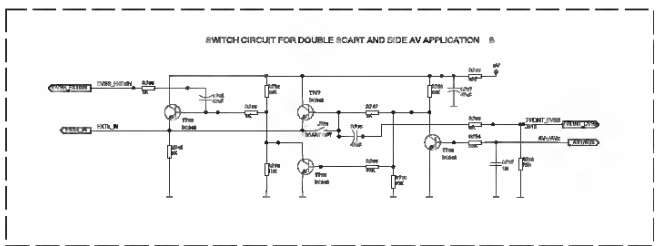


SCART1



SCART2

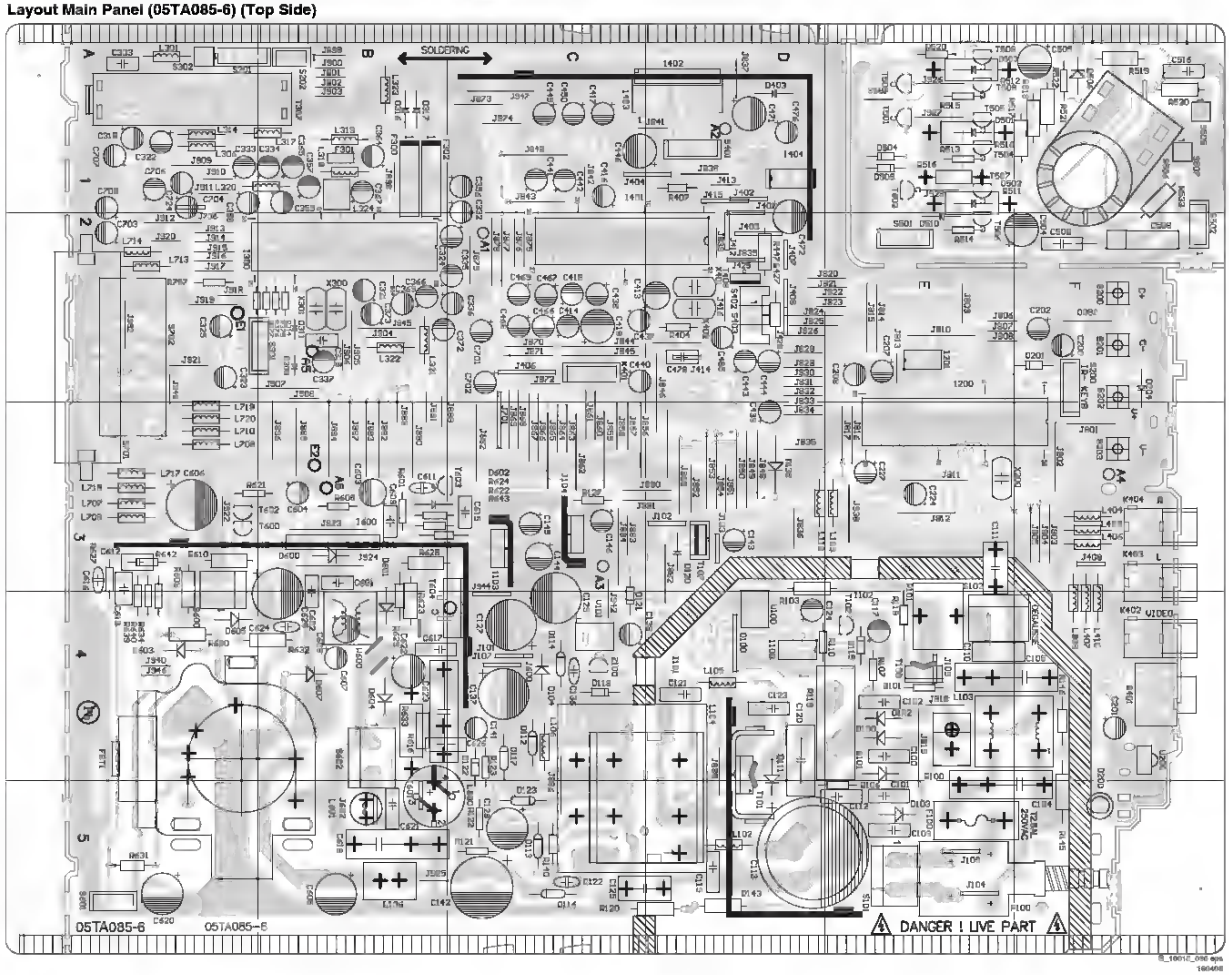
	WITH_FAV (SET) WITH SIDE AV	WITHOUT_FAV (SET) WITHOUT SIDE AV	STEREO (SET) MONO
7mm	13mm	nh	PBNL
8mm	WNL	PBNL	nh
9mm	WNL	nh	nh
10mm	WNL	nh	nh
11mm	nh	WNL	nh
12mm	PBNL	PBNL	PBNL



05TA085-6

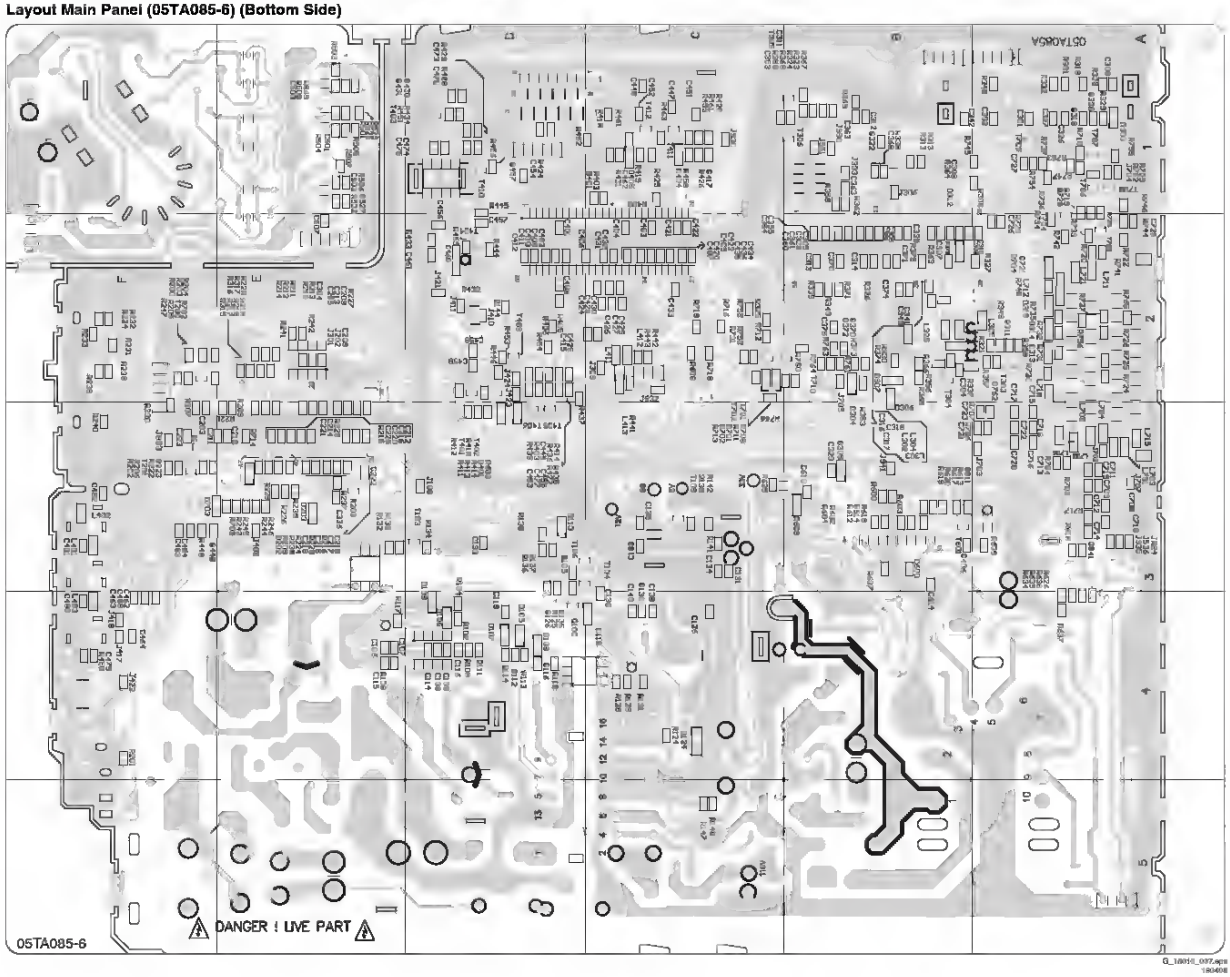
Downloaded from www.Manualslib.com manuals search engine

Layout Main Panel (05TA085-6) (Top Side)



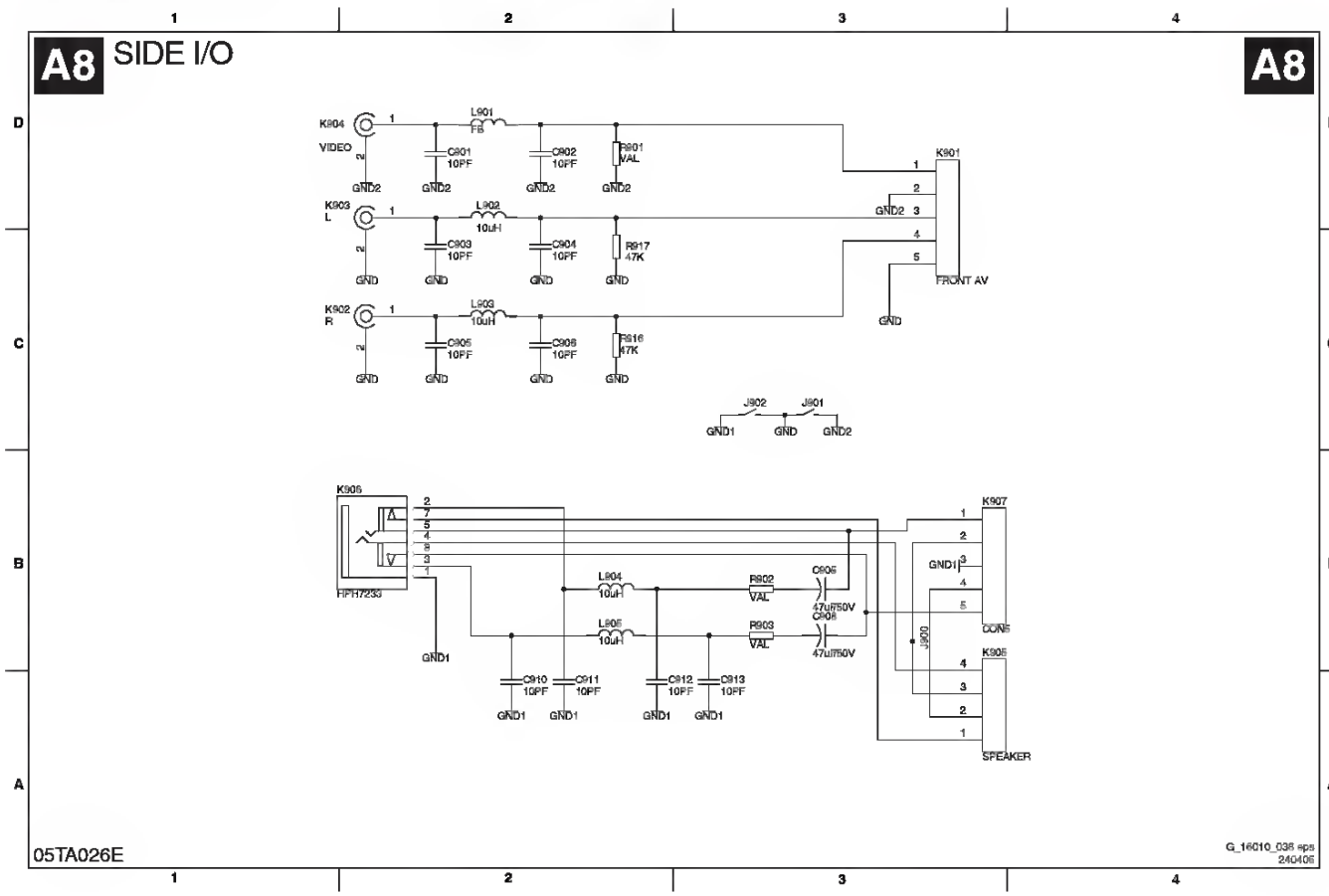
Downloaded from www.Manualslib.com manuals search engine

Layout Main Panel (05TA085-6) (Bottom Side)



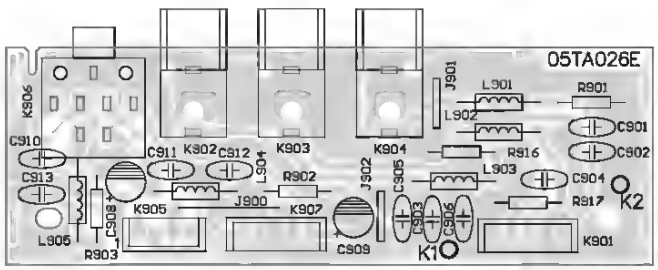
Downloaded from www.Manualslib.com manuals search engine

Side I/O Panel (21PT5421 only)



Downloaded from www.Manualslib.com manuals search engine

Layout Side I/O Panel (Top Side) (21PT5421 only)



05TA026E

G_16010_039.eps
240406

Personal Notes:

E_06032_012.eps
121004

Downloaded from www.Manualslib.com manuals search engine

Personal Notes:

Downloaded from www.Manualslib.com manuals search engine

8. Alignments

Index of this chapter:

8.1 Hardware Alignments
8.2 Software Alignments/Settings

8.1 Hardware Alignments

8.1.1 System Voltage Adjustment

- Switch the TV in AV mode by pressing the AV button on the remote control unit (minimum beam current condition).
- Adjust the V100 potentiometer until you measure 110 V DC on the cathode of diode D116

8.2 Software Alignments/Settings

Enter the TV Service Mode. The Service Mode menu will now appear on the screen.

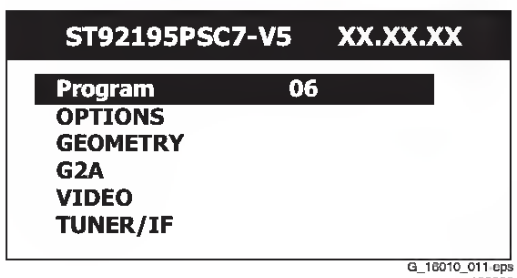


Figure 8-1 Service Mode Menu

Select one of the following alignments.
1. OPTIONS
2. GEOMETRY
3. G2A DJ

b6: 1: East Europe available, 0: East Europe not available
b7: 1: EXT2 available, 0: EXT2 not available

Option byte 2: Video configuration
b0: 1: QSS Application, 0: Intercarrier Application
b1: 1: Blue Screen enable, 0: Blue Screen disable
b2: 1: OSD Contrast Control enable, 0: OSD Contrast Control disable
b3: 1: APR ON, 0: APR OFF
b7 b6 b5 b4: APR Level

0 0 0 0: 50 IRE
0 0 0 1: 53.33 IRE
0 0 1 0: 56.66 IRE
0 0 1 1: 60 IRE
0 1 0 0: 63.33 IRE
0 1 0 1: 66.66 IRE
0 1 1 0: 70 IRE
0 1 1 1: 73.33 IRE
1 0 0 0: 76.66 IRE
1 0 0 1: 80 IRE
1 0 1 0: 83.33 IRE
1 0 1 1: 86.66 IRE
1 1 0 0: 90 IRE
1 1 0 1: 93.33 IRE
1 1 1 0: 96.66 IRE
1 1 1 1: 100 IRE

Option 2 PT1501: b7,b6,b5,b4,b3=1, b2,b1=0, b0=1
Option 2 PT1521: b7,b6,b5,b4,b3=1, b2,b1=0, b0=1

Option byte 3 : Hardware configuration
b0: 1: RC014 available, 0: RC011 available
b1: 1: ST2248E Version,0: ST2248C Version
b2: 1: CVBS_Output 2.3V, 0: CVBS_Output 2V
b3: 1: One Xtal Appl (4.43 MHz), 0: Two Xtal Appl (for NTSC)
b4: 1: Smart sound available, 0: Smart sound not available
b5: 1: PT14 smart picture, 0: PT21 smart picture
b7 b6: Tuner Selection
0 0: Thomson
0 1: Philips

Downloaded from www.Manualslib.com manuals search engine

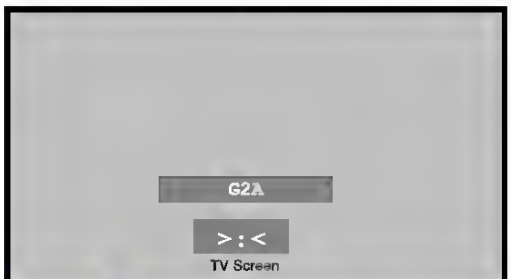
Enter the Service Mode and select the GEOMETRY settings VS, VP and HP settings carry out standard geometry adjustments.

VS 16/9 50h setting has to be carried out until 3 cm distance between upper and lower parts of the screen. Same adjustments are valid for 60h 16/9 and 4/3

- V S4/3 50h Vertical size property of picture at 50 Hz 4/3 aspect ratio broadcast (default value 10).
- V S4/3 Expand 50h Vertical size property of picture at 50 Hz 4/3 Expand aspect ratio broadcast (default value 15).
- V S4/3 60h Vertical size property of picture at 60 Hz 4/3 aspect ratio broadcast (default value 7).
- V S4/3 Expand 60h Vertical size property of picture at 60 Hz 4/3 Expand 9 aspect ratio broadcast (default value 11).
- V P to adjust the vertical position of the picture (default value 0).
- H P to adjust the horizontal position of the picture (default value 0).

8.2.3 G2 Adjust Menu

In this menu, we will see a comparative display according to the preset. To adjust the G2, turn the G2 potentiometer on the LOT until you reach the ':' sign. If the colon is highlighted, adjustment is achieved ('<' means you have to decrease and '>' means you have to increase).



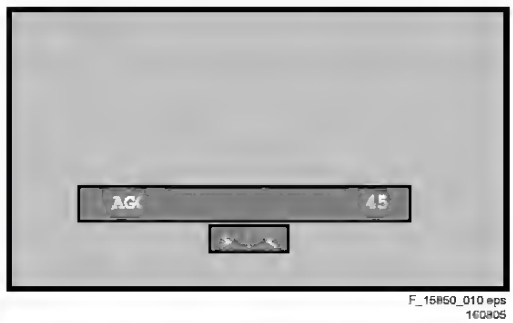
F_15850_008.eps
160805

- G (default value = 0)
- B (default value = 0)

1. Apply a 'dark grey' pattern (at 10 IRE).
2. Set CONTRAST to 70% and BRIGHTNESS and COLOUR SATURATION in the middle.
3. Adjust to obtain the necessary values for x and y by changing the R CFF and G CFF.
   - R CFF (default value = 0)
   - G CFF (default value = 0)

Remark: After the low light alignment it may be necessary to check and to re-align the high light, and to repeat several times the procedure to obtain a good alignment for both low and high light.

8.2.5 Tuner / IF



F_15850_010.eps
160805

Figure 8-5 Tuner alignment menu

8.2.6 AGC Adjustment

Select the AGC parameter and adjust to 40 values.

Select the parameters, and adjust the settings until the ':' indicator (displayed as >.<) turns into red by pressing < and > on the remote control.

Downfoaded from www.Manualslib.com manuals search engine

9. Circuit Descriptions, Abbreviation List, and IC Data Sheets

Index of this chapter:

9.1 Basic Hardware Descriptions
9.2 Functional Description
9.3 Abbreviation List

9.1 Basic Hardware Descriptions

9.1.1 ST92195C/D Microcontroller

General Features

- Register File based 8/16 bit Core Architecture with RUN, WFI, SLOW, HALT modes
- 00 to +700C operating temperature range
- Up to 24MHz operation @ 5V (10%)
- Min. Instruction cycle time: 165ns @ 24MHz
- 48, 56, 84, 84 or 96 Kbytes ROM
- 256 bytes RAM of Register file (accumulators or index registers)
- 256 to 512 bytes of on-chip static RAM
- 2 or 8 Kbytes of TDSRAM (Teletext and Display Storage RAM)
- 28 fully programmable I/O pins
- Serial Penpheral Interface
- Flexible Clock controller for OSD, Data Slicer and Core Clocks running from a single low frequency external crystal
- Enhanced display controller with 26 rows of 40/80 characters
  - 2 sets of 512 characters, 10x10 dot matrix, definable by user
  - Serial and Parallel attributes
  - 4/3 and 16/9 supported in 50/60Hz and 100/120Hz mode
  - Rounding, fringe, double width, double height, scrolling, cursor, full background colour, half intensity colour, translucency and half-tone modes
- Teletext unit, including DataSlicer, Acquisition unit and up to 8Kbytes RAM for data storage
- VPS and Wide Screen Signalling slicer
- Integrated Sync Extractor and Sync Controller
- OSD

On Screen Display

The human interface is provided by the On Screen Display module, this can produce up to 26 lines of up to 80 characters from a ROM defined 512-character set. The character resolution is 10x10 dot. Four character sizes are supported. Serial attributes allow the user to select foreground and background. Parallel attributes can be used to select additional foreground and background colours and underline on a character-by-character basis.

Teletext and Display Storage RAM

The Internal Teletext and Display storage RAM can be used to store Teletext pages as well as Display parameters.

Teletext VPS and WSS Data Slicers

The three on-board data slicers using a single external crystal are used to extract the teletext, VPS and WSS information from the video signal. Hardware hamming decoding is provided.

Voltage Synthesis Tuning Control

14-bit Voltage Synthesis using the PWM /BRM technique can be used to generate tuning voltages for TV set applications. The tuning voltage is output on one of two separate output pins.

PWM Dutput

Control of TV settings can be made with up to eight 8-bit PWM outputs, with a maximum frequency of 23.437Hz at 8-bit resolution (INTCLK = 12MHz). Low resolutions with higher frequency operation can be programmed.

Serial Peripheral Interface (SPI)

The SPI bus is used to communicate with external devices via the SPI, or I^2C bus communication standards. The SPI uses a single data line for data input and output. A second line is used for a synchronous clock signal.

Standard Timer

Downloaded from www.Manualslib.com manuals search engine

- External RGB/YCrCb Inputs or YUV Interface
- PAL / SECAM / NTSC Chroma Demodulators
- Auto Flesh Control Capability in NTSC mode
- South America Capability (PAL-M / PAL-N / NTSC)
- Chroma Subcarrier Output
- Black Stretch Circuit
- Peaking Circuit
- Automatic Cut-off Current Loop
- Manual Cut-off possible for low-cost applications
- Two Horizontal Deflection PLLs
- Vertical Countdown
- Half Contrast
- APR (Automatic RGB Peak Regulation) or RGB Peak Limitation Function
- White Insertion
- Copy Protection mode
- Wide Line Blanking mode
- Very Few External Components

9.1.3 ST24C16 EEPROM

- 1 Million erase / write cycles with 40 years data retention
- Single Supply Voltage: 3V to 5.5V
- Programmable write protection
- Two wire serial interface, fully I^2C bus compatible
- Byte and multibyte write (up to 8 byte)
- Page write (up to 16 byte)
- Byte, random and sequential read modes
- Self timed programming cycle
- Automatic address incrementing
- Enhanced ESD/latch up performances

9.2 Functional Description

This chapter describes the functions of 21" RF TV. The ST92195C/D MCU in TV part, handle the overall control of the system.

9.2.1 ST92195 C/D:

- Decodes the serial data from the remote control unit
- Scans the local keyboard

Downloaded from www.Manualslib.com manuals search engine

9.2.3 AFC

Controller tries to keep locked to the transmitter by means of following the AFC signal, which may be effected by the changes in frequency due to deviations in component ratings. When a station is detected and stored thereupon is equipped with the auto-following feature by default. However, the memorisation after fine-tuning disables auto-following for that station. In order to enable auto-following, the station must be tuned again by automatic search.

AFC bit in NVM
0: Auto-following Disabled (Store after fine tune)
1: Auto-following Enabled (Store after auto search)

Table 9-1 AFC Reference Values

AFC Out	Frequency
0	-60 kHz < FPLL - F0 < +60 kHz
2	-300 kHz < FPLL - F0 < -60 kHz
3	FPLL - F0 < -300 kHz
4	+60 kHz < FPLL - F0 < +300 kHz
5	+300 kHz < FPLL - F0

9.2.4 Picture

Screen Format Selection
3 different formats are available, 16:9 Compress, 4:3, 4:3 Expand. When Clear/Format key is pressed for the first time an OSD stating the current screen format is displayed on the screen. In order to select another screen format this key must be pressed before the OSD disappears (within 5 seconds).

Picture Control
- Brightness > 64 Steps (00 ... 63)
- Colour > 64 Steps (00 ... 63)
- Contrast > 64 Steps (00 ... 63)
- Sharpness > 16 Steps (00 ... 15)
- Colour Temperature > Normal > Red (offset), Green (offset)
  - Warm > Red (offset + 9), Green (offset + 7)

Table 9-2 Smart Picture Mode Settings

	Bright-ness	Colour	Contrast	Sharpness	Color Temp	NR	Con-trast+
Rich	59%	59%	92%	87%	Cool	OFF	ON
Natural	58%	56%	86%	71%	Normal	OFF	ON
Soft	43%	48%	83%	87%	Normal	ON	OFF
Multimedia	50%	54%	95%	81%	Normal	OFF	ON

9.2.5 Sound

Sound Mode Selection

- Mono > Only mono

Sound Control

- Volume > 64 Steps (00 ... 63)

Volume: Volume can be controlled via the local keyboard or by the remote control unit. If mute is active and volume up key is pressed, audio will exit mute and volume will start to increase from the indication mark where it was muted previously. If mute is active and volume down key is pressed, audio will stay in mute and start to decrease from the indication mark where it was muted previously. When mute is deactivated audio value will preserve its last setting.

Mute: LS sound can be switched off temporarily with the MUTE key. Sound can be switched on again by:

- Re-pressing the mute key.
- Pressing the V+ key.
- While mute is active and the volume down key is pressed, preserving the mute condition audio will start to decrease from where it was muted previously. When mute is deactivated audio value will keep its last setting.

Mute will be stored to NVM before cold power on and will stay in its last state after switching the TV set on. All through the time mute is active, mute symbol will be displayed on the screen permanently.

Back-end mute: The loudspeakers and the headphone are automatically muted when there is no ident from the video processor. Audio is muted within 200msec after the back-end ident disappears. Mute stays active for 1sec. after ident

- It takes 3 seconds for the changes on Picture or Sound settings to be stored into NVM.

9.2.6 Peri-TV

- EXT has audio/video input/output, RGB (Full SCART)
- AV has audio/video input, CVBS

Table 9-4 Peri TV Outputs

Mode	Peri-TV Output
TV	Current RF Program
EXT	Last RF Program
AV	Last RF Program

Pin 8 Behaviour for EXT:

- While the set is going out of Standby (if the last state of the set is not Standby State before cold power off, set will go out of Standby automatically after cold power on), if the SCART Pin8 is activated set will automatically switch to external source.
- While the set is in RF mode (if not any menu displaying and if teletext is not activated), if Pin8 is activated (including Canal +) set will automatically switch to external source.
- If set switches to external source with Pin8, P+/P- keys on the RC or keyboard will react as if set is in the last program or source before switching to external source not in external mode.

E.g.:
Set is in Program 5, Press P+ (Set is in Program 8)
Pin 8 activated while set is in Program 6 (Set switches to EXT).
Press P+ (or P-). Set will switch to Program 7 (or Program 5).

Pin16 Behaviour for EXT:

- Pin18 is activated when the voltage is more than 0,7 Volts. In this case, EXT sets to RGB mode.

9.2.7 Memory

14" TV system requires 1KB NVM (24C16). This size of memory gives the ability to store

Downloaded from www.Manualslib.com manuals search engine

9.3 Abbreviation List

110VOUT	123 V Horizontal power supply
24_VERT	33 V Vertical power supply
5VA	5 V analogue
5VD	5 V digital
AGC	Auto Gain Control
AV1/AV2	AV1 / AV2 information
AV_STATUS	AV Status
B	Blue
B_OSD	OSD Blue input
BCL	Beam Current Limiter
CVBS	Composite Video Signal
CVBSEXT	External CVBS input
CVBSOUT	Second Video Switch Output
CVBSTXT	Teletext CVBS
DOC	Depends on Chassis
FB_OSD	OSD Fast blanking Input
FBEXT	Fast Blanking External
FBT	Flyback Transformer
FLM	Flaman
G	Green
G_OSD	OSD Green input
HOSD	Horizontal OSD
HOUT	Horizontal Output pulse
IF1	Intermediate Frequency 1
IF2	Intermediate Frequency 2
IR	Infrared led
KEYB	Front panel keyboard
L/L'	SECAM L/L' sound standard
LOUT	Left out
MDO	Mode control data output
ON/STBY	On/Standby
PRST	Preset
R	Red
R_OSD	OSD Red input
RIN	Red in
RMOT	Remote Control
SCL	I^2C Clock
SDA	I^2C Data
SW1	Switch 1
TXTSW	Teletext switch
V_AMP	Vertical Amplitude DAC output
V_OSD	Vertical OSD

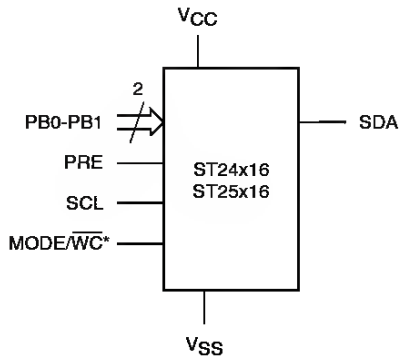
Downloaded from www.manualslib.com manuals search engine

9.4 IC Data Sheets

This section shows the internal block diagrams and pin layouts of ICs that are drawn as "black boxes" in the electrical diagrams (with the exception of "memory" and "logic" ICs).

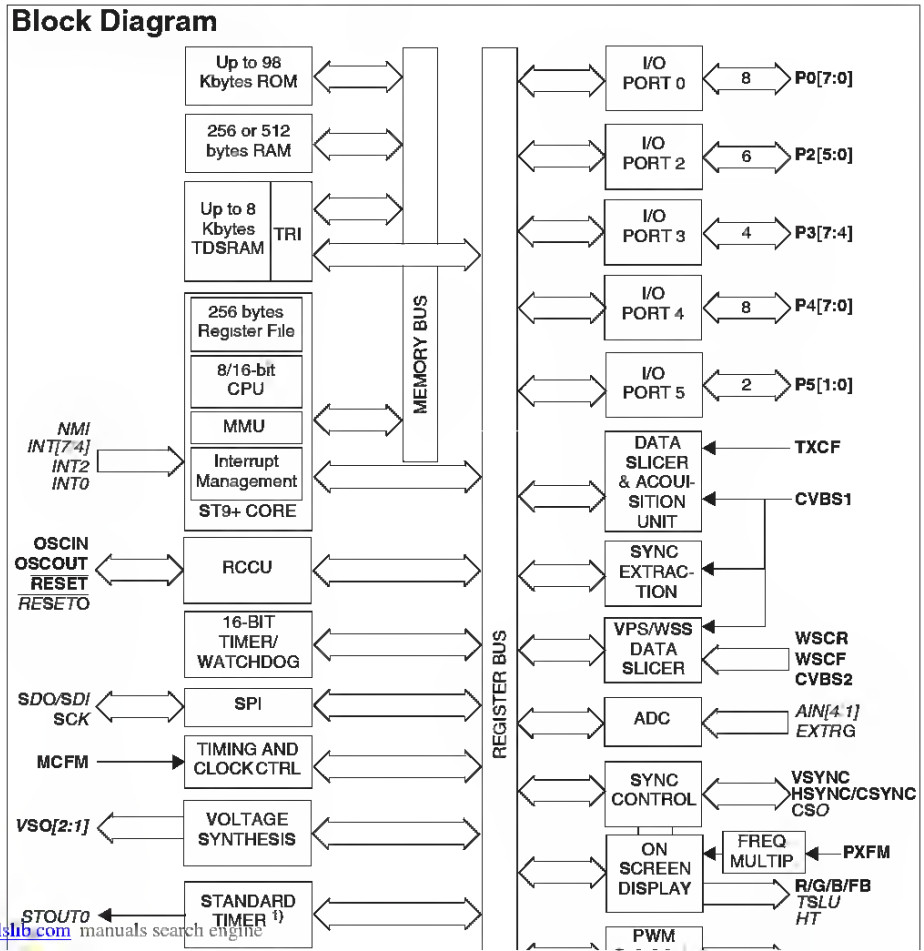
9.4.1 Diagram A1, ST24C16 (IC I201)

Block Diagram



Downloaded from www.Manualslib.com manuals search engine

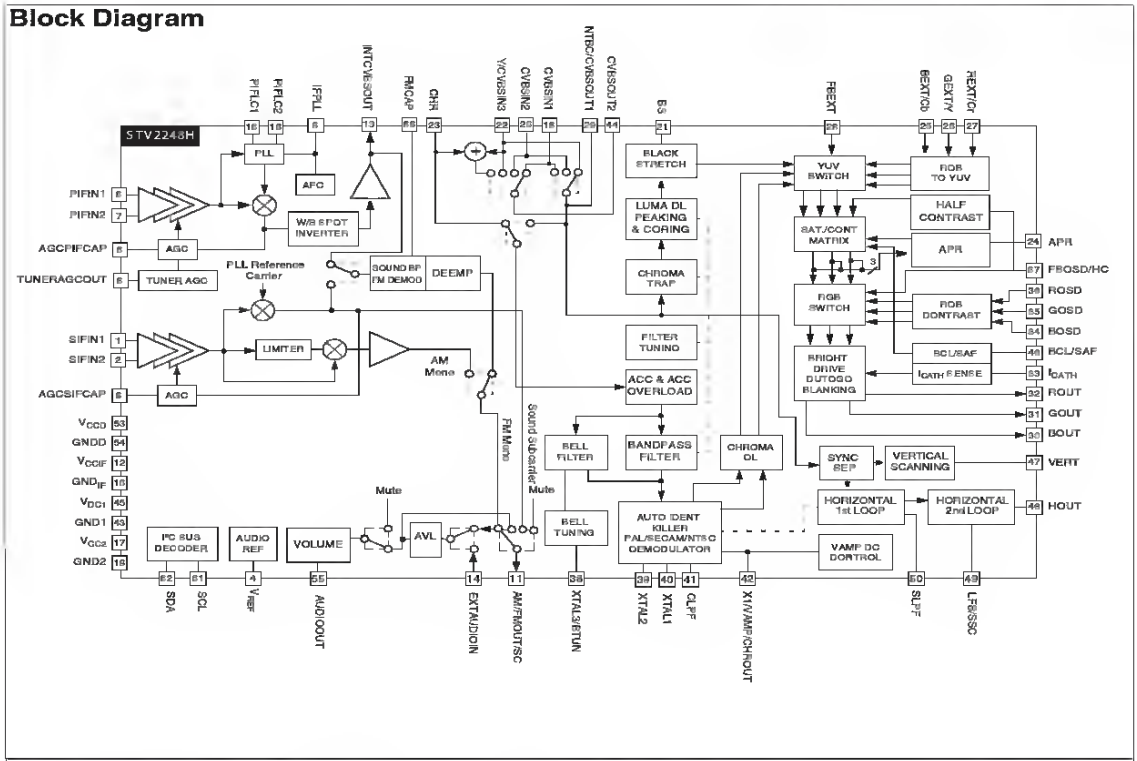
9.4.2 Diagram A1, ST92195CD (IC I200)



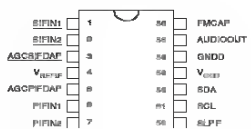
Downloaded from www.Manualslib.com manuals search engine

9.4.3 Diagram A2, STV224X (IC I300)

Block Diagram



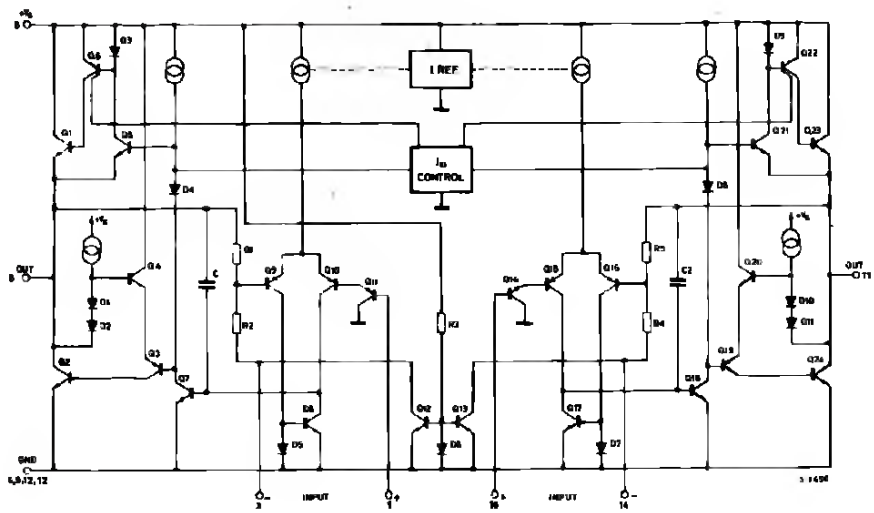
Pin Configuration / Connection Diagrams



Downloaded from www.Manualslib.com manuals search engine

9.4.4 Diagram A3, TDA2822 (IC I404)

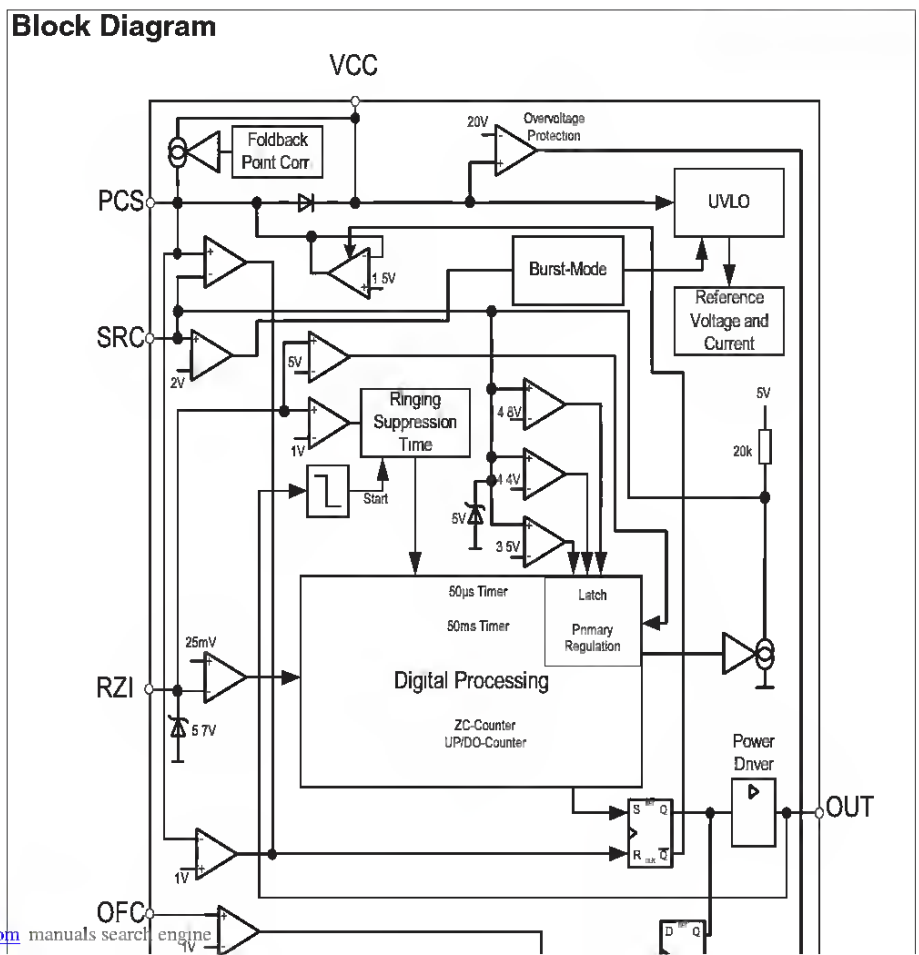
Block Diagram



Pin Configuration / Connection Diagrams

Downloaded from www.Manualslib.com manuals search engine

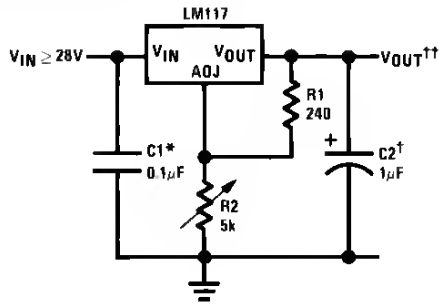
9.4.5 Diagram A4, IC1QS01 (IC I100)



Downloaded from www.Manualslib.com manuals search engine

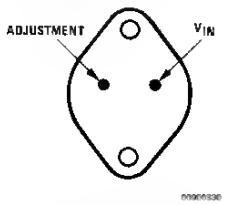
9.4.6 Diagram A4, LM317 (IC I103)

Block Diagram



Pin Configuration / Connection Diagrams

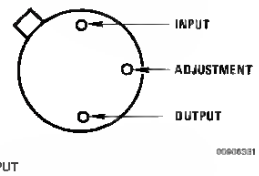
(TO-3)
Metal Can Package



CASE IS OUTPUT

Bottom View
Steel Package
NS Package Number K02A or K02C

(TO-39)
Metal Can Package

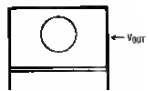


CASE IS OUTPUT

Bottom View
NS Package Number H03A

(TO-263) Surface-Mount Package

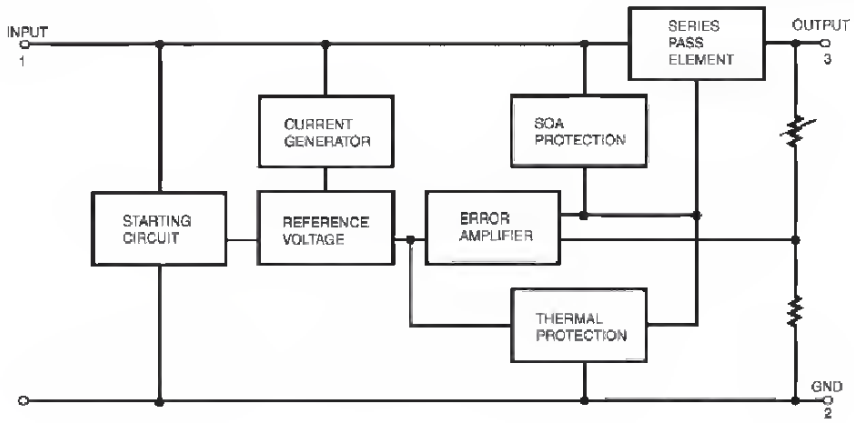
(TO-220)
Plastic Package



Downloaded from www.Manualslib.com manuals search engine

9.4.7 Diagram A4, LM7805 (IC I104)

Block Diagram

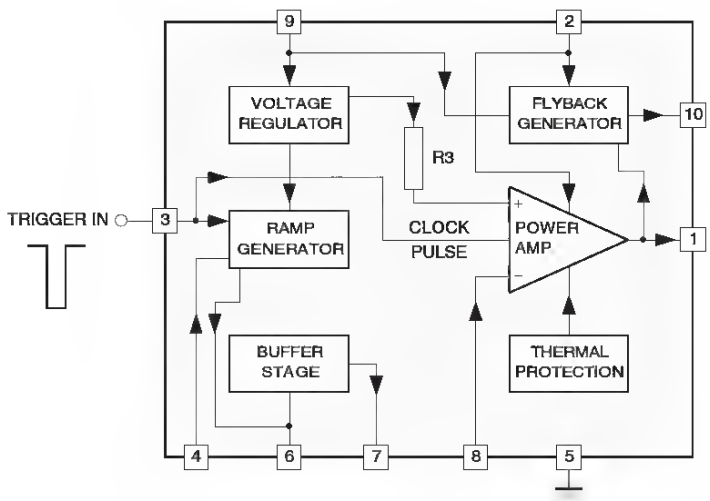


Pin Configuration / Connection Diagrams

Downloaded from www.Manualslib.com manuals search engine

9.4.8 Diagram A5, TDA1771 (IC I600)

Block Diagram



Pin Configuration / Connection Diagrams

Downloaded from www.Manualslib.com manuals search engine

10. Spare Parts List

Table 10-1 14PT1501/12

Pos	12NC Code	Description
	002013202630	CABLE 2P*1SKT 20CM MINI
	002526554101	CABLE POW FLTLI7.5MM BLCSKT220
	013466061670	LOGO PHILIPS14PT1347/05
	036016010071	FERRIT RING U5 T 31X7X19
	067310001631	FUSE2 5A250V5X20MM TIME-LAGSFT
	067600002181	"ANTENNA ROD 14""
	070362110151	A33EKC02X01
	075110211070	FUSE HOLDER GREY TK79/A2.5ASFT
	608580003510	COIL DEG 14'PHLS DVDTV 9RSFTY
	610306170011	SPEAKER 16R 4W 50X90MM PHILIPS
	631020092021	R/C RCLE011 MONO TXT PHILIPS
	841300100120	COMP 14' PT19 50X90 SPEAKER
	905106202700	BYL BUTT ON-OFF14PT1347SILVSHA
	905106202710	BYL.BUTT DORTLU14PT1347SILVSHA
4KBN	905100142900	BYL KBN 14'PT 1347 WITHOUT CHINC
4KBN		BYL KBN 14'PT 1347 WITHOUT CHINC
ARKP	905110141630	BACK COVER14PT1347/1237
B200	061101111601	SWITCH TACT HRZ MTLCONT 6*6
B201	061101111601	SWITCH TACT HRZ MTLCONT 6*6
B202	061101111601	SWITCH TACT HRZ MTLCONT 6*6
B203	061101111601	SWITCH TACT HRZ MTLCONT 6*6
C100	040040152211	CAP CER 2.2NF 1KV 10% BN SFTY
C101	040040152211	CAP CER 2.2NF 1KV 10% BN SFTY
C102	040040152211	CAP CER 2.2NF 1KV 10% BN SFTY
C103	040040152211	CAP CER 2.2NF 1KV 10% BN SFTY
C104	620004062241	CAP MKT220NF275VAC20%RFIX2 SFT
C105	620004062241	CAP MKT220NF275VAC20%RFIX2 SFT
C107	040732056061	CAP CER 560PF 50V 5% COG 0603
C108	040742041061	CAP CER 10PF 50V 5% COG 0603
C109	996500020826	CAP CER 6.6NF 50V 5% 0603 COG
C110	040067041371	CAP CER .1NF 400V%20ACX1Y1SFTY
C113	042719901071	CAP ELC 100MF400V20%SNAP-INSFT
C115	040067141061	CAP CER 100NF 50V 10% X7R 0603
C116	040043045661	CAP CER 56PF 50V 5% COG 0603
C117	042416503361	CAP ELECT 33MF 50V 20%
C119	040040172211	CAP CER 220PF 2KV 10% B
C120	620004133331	CAP MKP.33NF 630V 5% 15MM
C121	040040172211	CAP CER 220PF 2KV 10% B

Pos	12NC Code	Description
C212	040031042261	CAP CER 22PF 50V 5% COG 0603
C213	482212614236	CER2 0603 X7R 50V 2N2 COL R
C214	482212614236	CER2 0603 X7R 50V 2N2 COL R
C215	482212613193	4,7NF10% X7R 63V
C216	040067141061	CAP CER 100NF 50V 10% X7R 0603
C217	040044061861	CAP CER 470NF 16V 10% X7R 0603
C218	040044061861	CAP CER 470NF 16V 10% X7R 0603
C219	040732041061	CAP CER 100PF 50V 5% COG 0603
C220	040732041061	CAP CER 100PF 50V 5% COG 0603
C221	040044061861	CAP CER 470NF 16V 10% X7R 0603
C222	040044061861	CAP CER 470NF 16V 10% X7R 0603
C223	532212611583	10NF 10% X7R 50V 0603 CER2
C224	042416501051	CAP ELECT 1MF 50V 20%
C225	040052044861	CAP CER 470PF 50V 5% COG 0603
C226	482212613883	220PF 5% 50V
C300	040067141061	CAP CER 100NF 50V 10% X7R 0603
C301	040067141061	CAP CER 100NF 50V 10% X7R 0603
C302	040067141061	CAP CER 100NF 50V 10% X7R 0603
C303	040151041051	CAP CER 100NF 50V 10% B
C304	040067141061	CAP CER 100NF 50V 10% X7R 0603
C305	040067141061	CAP CER 100NF 50V 10% X7R 0603
C306	040067141061	CAP CER 100NF 50V 10% X7R 0603
C307	040067141061	CAP CER 100NF 50V 10% X7R 0603
C308	040067141061	CAP CER 100NF 50V 10% X7R 0603
C309	040067141061	CAP CER 100NF 50V 10% X7R 0603
C310	040067141061	CAP CER 100NF 50V 10% X7R 0603
C311	040067141061	CAP CER 100NF 50V 10% X7R 0603
C313	040067141061	CAP CER 100NF 50V 10% X7R 0603
C314	040067141061	CAP CER 100NF 50V 10% X7R 0603
C315	620013061041	CAP MKT 100NF 63V 5% 5MM
C316	040067141061	CAP CER 100NF 50V 10% X7R 0603
C317	040067141061	CAP CER 100NF 50V 10% X7R 0603
C318	040067141061	CAP CER 100NF 50V 10% X7R 0603
C319	042414164761	CAP ELECT 47MF 16V 20%
C321	042414164761	CAP ELECT 47MF 16V 20%
C322	042446161061	CAP ELECT 10MF 16V 20%
C323	042446161061	CAP ELECT 10MF 16V 20%
C324	042446161061	CAP ELECT 10MF 16V 20%
C325	042446161061	CAP ELECT 10MF 16V 20%
C326	040732041061	CAP CER 100PF 50V 5% COG 0603

Downloaded from www.Manualslib.com manuals search engine

Pos	12NC Code	Description
C373	042194504751	CAP ELECT 4.7MF 50V 20%
C375	482212613883	220PF 5% 50V
C440	042416501051	CAP ELECT 1MF 50V 20%
C443	042446502251	CAP ELECT 2.2MF 50V 20%
C444	042446502251	CAP ELECT 2.2MF 50V 20%
C445	040730033261	CAP CER 33NF 25V 10% 0603
C453	532212611583	10NF 10% X7R 50V 0603 CER2
C455	040067141061	CAP CER 100NF 50V 10% X7R 0603
C456	040067141061	CAP CER 100NF 50V 10% X7R 0603
C457	040067141061	CAP CER 100NF 50V 10% X7R 0603
C458	040067141061	CAP CER 100NF 50V 10% X7R 0603
C459	040067141061	CAP CER 100NF 50V 10% X7R 0603
C460	040067141061	CAP CER 100NF 50V 10% X7R 0603
C461	040067141061	CAP CER 100NF 50V 10% X7R 0603
C462	040067141061	CAP CER 100NF 50V 10% X7R 0603
C463	040067141061	CAP CER 100NF 50V 10% X7R 0603
C464	040067141061	CAP CER 100NF 50V 10% X7R 0603
C465	040067141061	CAP CER 100NF 50V 10% X7R 0603
C470	482212614238	CER2 0603 X7R 50V 2N2 COL R
C472	042446255661	CAP ELECT 56MF 25V
C473	040067041881	CAP CER 680NF 16V X7R 10% 0805
C474	532212611583	10NF 10% X7R 50V 0603 CER2
C475	040742022261	CAP CER 22NF 50V 5% X7R 0603
C476	042414254761	CAP ELECT 47MF 25V 20%
C477	040067141061	CAP CER 100NF 50V 10% X7R 0603
C478	042416501051	CAP ELECT 1MF 50V 20%
C485	042416502261	CAP ELECT 22MF 50V 20%
C501	482212614241	CER1 0603 NPO 50V 330P COL R
C502	482212614241	CER1 0603 NPO 50V 330P COL R
C503	482212614241	CER1 0603 NPO 50V 330P COL R
C505	042446862251	CAP ELECT 2.2MF 250V 20%
C507	040031042261	CAP CER 22PF 50V 5% COG 0603
C508	620003134731	CAP MKT 47NF 630V 5% 10/15MM
C516	040040171021	CAP CER 1NF 2KV 10% BN
C600	996500012523	0 22 UF 50V 20%
C601	620004072241	CAP MKT 220NF 63V 10% 5MM
C602	620004014731	CAP MKT 47NF 100V 10% 5MM
C603	042446351071	CAP ELECT 100MF 35V 20%
C604	042416502261	CAP ELECT 22MF 80V 20%
C605	042416160001	CAP ELECT 22MF 160V 20%
C606	042414351081	CAP ELECT 2200MF 35V 20%
C607	042414254761	CAP ELECT 47MF 25V 20%
C609	620004001051	CAP MKT 10NF 50V

Pos	12NC Code	Description
D112	482213042606	BYD33J
D114	482213042606	BYD33J
D116	482213041602	BYW95C
D117	048321423201	DIODE RECT 1N4007 DO-41
D120	048540146001	DIODE ZNR BZX79-C5V6
D122	482213030959	ZTK33B
D123	048321423201	DIODE RECT 1N4007 DO-41
D125	048000000031	DIODE RECT SS13
D200	048773809001	DIODE LED KLR114L RED 5MM
D201	048100000041	DIODE ZNR 2V7 BZX55C DO-35
D202	048110411111	DIODE LS4148 SOD80 QMELF
D203	048110411111	DIODE LS4148 SOD80 QMELF
D204	482213031983	BAT85
D300	048110411111	DIODE LS4148 SOD80 QMELF
D303	482213031983	BAT85
D304	048110411111	DIODE LS4148 SOD80 QMELF
D305	048110411111	DIODE LS4148 SOD80 QMELF
D306	048110411111	DIODE LS4148 SOD80 QMELF
D307	048110411111	DIODE LS4148 SOD80 QMELF
D311	048544926101	DIODE ZNR 7V5 ZPD DO-35
D312	482213060884	BZV55-C5V1
D313	482213060884	BZV55-C5V1
D314	482213060884	BZV55-C5V1
D315	482213060884	BZV55-C5V1
D316	048322107001	DIODE GP BA282&BA482 DO35/DO34
D317	048322107001	DIODE GP BA282&BA482 DO35/DO34
D501	482213030842	BAV21
D502	482213030842	BAV21
D503	482213030842	BAV21
D504	482213031983	BAT85
D505	482213034382	BZX79-B8V2
D505	048548637001	DIODE ZNR 9V1 BZX55C DO-35
D506	048321423201	DIODE RECT 1N4007 DO-41
D600	048321423201	DIODE RECT 1N4007 DO-41
D601	482213042606	BYD33J
D602	482213042606	BYD33J
D603	482213042606	BYD33J
D604	482213042606	BYD33J
D605	482213042606	BYD33J
D606	048110411111	DIODE LS4148 SOD80 QMELF
D702	482205130008	0R00 JUMPER
D704	482213060884	BZV55-C5V1
F100	841600100070	COMP.GRIPPERLI 2.5 AMP.SIGORTA

Downloaded from www.Manualslib.com manuals search engine

Pos	12NC Code	Description
L108	032040555211	RESS W W 5 6R 5W 10%VERCM SFTY
L109	608000000221	COIL 10UH 5% 0 41A AXIAL FIXED
L110	608000000221	COIL 10UH 5% 0 41A AXIAL FIXED
L301	608780002411	COIL FILTER 3 5*9*0 6 F BEAD
L302	036070204111	FERRIT BEAD LI0805H151R-00 SMD
L303	036070204111	FERRIT BEAD LI0805H151R-00 SMD
L304	036070204111	FERRIT BEAD LI0805H151R-00 SMD
L305	036070204111	FERRIT BEAD LI0805H151R-00 SMD
L306	608980000101	COIL 12UH 5% 0 15A AXIAL FIXED
L314	608000000021	COIL 10UH 5% 0 16A AXIAL FIXED
L317	608980000111	COIL 1UH 5% 0 27A AXIAL FIXED
L318	608980000121	COIL 4 7UH 5% AXIAL FIX
L319	608080001141	COIL 4 7UH 10% 0 82A AXL FIX B
L320	608080001141	COIL 4 7UH 10% 0 82A AXL FIX B
L321	608080001141	COIL 4 7UH 10% 0 82A AXL FIX B
L322	608080001141	COIL 4 7UH 10% 0 82A AXL FIX B
L323	608000000221	COIL 10UH 5% 0 41A AXIAL FIXED
L324	608280001981	COIL VARIABLE 44MHZ 39PF
L407	608000000031	COIL 47UH 5% 0 07A AXIAL FIXED
L409	608000000041	COIL 10UH 5% 0 6A AXIAL FIXED
L410	608000000041	COIL 10UH 5% 0 6A AXIAL FIXED
L600	608980004061	COIL LINEARITY 100UH
L701	036070204111	FERRIT BEAD LI0805H151R-00 SMD
L703	036070204111	FERRIT BEAD LI0805H151R-00 SMD
L704	036070204111	FERRIT BEAD LI0805H151R-00 SMD
L709	608980000101	COIL 12UH 5% 0 15A AXIAL FIXED
L711	036070204111	FERRIT BEAD LI0805H151R-00 SMD
L713	608980000111	COIL 1UH 5% 0 27A AXIAL FIXED
L715	036070204111	FERRIT BEAD LI0805H151R-00 SMD
L717	608000000021	COIL 10UH 5% 0 16A AXIAL FIXED
L718	608000000021	COIL 10UH 5% 0 16A AXIAL FIXED
P100	081000000141	SWITCH POWERALPS SDKVA30100SFT
P101	034710303631	THERM PTC 18R 30% 2P 10MM SFTY
P401	075016420091	SOCKET HEADPHONE STR SJ-510C
R100	032040555211	RESS W W 5 6R 5W 10%VERCM SFTY
R102	482205130222	2K20 5% 0,062W
R107	030010611241	RES H VOLT PRF 1 2M 1/4W2% SFT
R108	030010639461	RESISTOR C F 390K 1/10W5% 0603
R109	482205130479	47R00 5% 0,062W
R110	030100656131	RESISTOR MFLM 5 6R 1/4W 1%
R111	482205130103	10K00 5% 0,062W
R112	482211712925	47K 1% 0 063W 0603
R113	482205130682	6K80 5% 0,062W

Pos	12NC Code	Description
R216	482205130472	4K70 5% 0,062W
R217	482205130561	560R00 5% 0,062W
R218	482205130561	560R00 5% 0,062W
R219	482205130561	560R00 5% 0,062W
R220	482205130561	560R00 5% 0,062W
R221	482205130102	1K00 5% 0,062W
R222	482205130103	10K00 5% 0,062W
R223	482205130103	10K00 5% 0,062W
R224	482205130103	10K00 5% 0,062W
R225	482205130103	10K00 5% 0,062W
R226	482205130103	10K00 5% 0,062W
R227	482205130562	5K6 5% 0,063W 0603 RC21 RST SM
R228	482205130562	5K6 5% 0,063W 0603 RC21 RST SM
R229	482205130153	15K00 5% 0,062W
R230	482205130222	2K20 5% 0,062W
R231	482205130221	220R00 5% 0,062W
R232	482205130008	0R00 JUMPER
R233	030010682161	RESISTOR C F 820R 1/10W5% 0603
R234	482205130471	470R00 5% 0,062W
R235	482205130008	0R00 JUMPER
R236	482211712925	47K 1% 0 063W 0603
R237	482211712925	47K 1% 0 063W 0603
R238	482205130561	560R00 5% 0,062W
R239	482205130152	1K50 5% 0,062W
R240	482205130183	18K00 5% 0,062W
R241	482205130101	100R00 5% 0,062W
R242	482205130101	100R00 5% 0,062W
R243	482205130472	4K70 5% 0,062W
R244	482205130472	4K70 5% 0,062W
R245	482205130103	10K00 5% 0,062W
R246	482205130103	10K00 5% 0 062W
R300	482205130472	4K70 5% 0,062W
R308	030010639461	RESISTOR C F 390K 1/10W5% 0603
R311	482205130331	330R00 5% 0,062W
R312	482205130102	1K00 5% 0,062W
R313	030010612261	RESISTOR C F 1 2K 1/10W5% 0603
R314	482205130102	1K00 5% 0,062W
R315	482205130102	1K00 5% 0,062W
R316	482205130102	1K00 5% 0,062W
R317	482205130102	1K00 5% 0,062W
R321	482205130103	10K00 5% 0,062W
R323	482205130103	10K00 5% 0,062W
R324	482205130103	10K00 5% 0,062W

Downloaded from www.Manualslib.com manuals search engine

Pos	12NC Code	Description
R373	482205130103	10K00 5% 0,062W
R374	482205130563	56K00 5% 0,062W
R375	482205130271	270R00 5% 0,062W
R376	482205130271	270R00 5% 0,062W
R377	482205130271	270R00 5% 0,062W
R378	482211712925	47K 1% 0 063W 0603
R379	482205130562	5K6 5% 0,063W 0603 RC21 RST SM
R403	482205130101	100R00 5% 0,062W
R416	482205130008	0R00 JUMPER
R416	532211713042	3K9 1% 0 063W 0603 RC22H
R422	482205130102	1K00 5% 0,062W
R427	030020610131	RESISTOR C F 100R 1/4W 5%
R428	482205130472	4K70 5% 0,062W
R432	030010647961	RESISTOR C F 4 7R 1/10W5% 0603
R433	030010647961	RESISTOR C F 4 7R 1/10W5% 0603
R434	482205130222	2K20 5% 0,062W
R435	030010827261	RESISTOR C F 2 7K 1/10W5% 0603
R436	030010827261	RESISTOR C F 2 7K 1/10W5% 0603
R437	482205130183	18K00 5% 0,062W
R439	482205130331	330R00 5% 0,062W
R444	482205130102	1K00 5% 0,062W
R445	482205130472	4K70 5% 0,062W
R446	030010627261	RESISTOR C F 2 7K 1/10W5% 0603
R447	030055722811	RESISTOR FUSIBLE 0 22R 1/2W 5%
R451	482205130332	3K30 5% 0,062W
R501	030010682161	RESISTOR C F 820R 1/10W5% 0603
R502	030010682161	RESISTOR C F 820R 1/10W5% 0603
R503	030010682161	RESISTOR C F 820R 1/10W5% 0603
R504	030010651001	RESISTOR 510R 1/8W5% 0805
R505	482205130109	10R00 5% 0,062W
R506	030010651001	RESISTOR 510R 1/8W5% 0805
R507	482205130109	10R00 5% 0,062W
R508	030010651001	RESISTOR 510R 1/8W5% 0805
R509	482205130109	10R00 5% 0,062W
R510	030206827311	RESISTOR M O 27K 2W 5%
R511	030206827311	RESISTOR M O 27K 2W 5%
R512	030206827311	RESISTOR M O 27K 2W 5%
R513	030105622121	RESISTOR FUSIBLE 220R 1/4W 5%
R514	030105622121	RESISTOR FUSIBLE 220R 1/4W 5%
R515	030105622121	RESISTOR FUSIBLE 220R 1/4W 5%
R516	030010656221	RESISTOR FUSIBLE 5 6K 1W 5%
R517	030050715221	RES C COMP 1 5K 1/2W
R518	030050715221	RES C COMP 1 5K 1/2W

Pos	12NC Code	Description
R623	030055722811	RESISTOR FUSIBLE 0 22R 1/2W 5%
R624	030020675011	RESISTOR C F 75R 1/4W 5%
R625	482211712925	47K 1% 0 063W 0603
R626	482211712925	47K 1% 0 063W 0603
R627	030020656131	RESISTOR C F 560R 1/4W 5%
R629	030050639311	RESISTOR C F 39R 1/4W
R630	030100622901	RESISTOR FUSIBLE 2 2R 1W 5%
R632	030135747901	RESISTOR FUSIBLE4 7R10%NMA0207
R633	030010656241	RESISTOR FUSIBLE 5 6K 3W 5%
R634	030020610511	RESISTOR C F 1M 1/4W 5%
R635	030011610361	RESISTOR C F 1M 1/10W 0603
R636	030010150681	RESISTOR C F 1 5M 1/10W5% 0603
R637	030010150681	RESISTOR C F 1 5M 1/10W5% 0603
R638	030010675461	RESISTOR C F 750K 1/10W5% 0603
R639	030020620211	RESISTOR C F 2K 1/4W 5%
R640	030020620211	RESISTOR C F 2K 1/4W 5%
R641	482205130223	22K00 5% 0,062W
R702	482205130103	10K00 5% 0,062W
R703	030011610181	RESISTOR C F 7 5K 1/10W5% 0603
R704	030011610181	RESISTOR C F 7 5K 1/10W5% 0603
R717	030010622261	RESISTOR C F 22R 1/10W5% 0603
R720	482205130759	75R00 5% 0,062W
R723	482205130759	75R00 5% 0,062W
R724	482205130759	75R00 5% 0,062W
R725	482205130759	75R00 5% 0,062W
R726	482205130759	75R00 5% 0,062W
R727	030010615181	RESISTOR C F 150R 1/10W5% 0603
R729	030010647961	RESISTOR C F 4 7R 1/10W5% 0603
R730	482205130101	100R00 5% 0,062W
R731	482205130101	100R00 5% 0,062W
R732	482205130101	100R00 5% 0,062W
R733	482205130101	100R00 5% 0,062W
R735	030010682261	RESISTOR C F 8 2K 1/10W5% 0603
R741	482205130102	1K00 5% 0,062W
R760	482205130109	10R00 5% 0,062W
R761	482205130123	12K00 5% 0,062W
R762	482205130562	5K6 5% 0,063W 0603 RC21 RST SM
R763	482205130222	2K20 5% 0,062W
R764	482205130681	680R00 5% 0,062W
R765	030010615161	RESISTOR C F 150R 1/10W5% 0603
S101	075100211260	CONN 2P VRT 7 5MM BLACK
S101	841140013208	COMP CABLE POWER 220CM BLC FER
S102	075100211781	CONN 2P K PIM 7 5MM DEGAUSS

Downloaded from www.Manualslib.com manuals search engine

Pos	12NC Code	Description
T503	482213041782	BF422
T504	482213041782	BF422
T505	482213041646	BF423
T506	482213041782	BF422
T507	482213041646	BF423
T508	482213041782	BF422
T509	482213041646	BF423
T600	482213040855	BC337
T601	046848000001	TRS BC848B SOT-23
T602	046986294161	TRS 2SA720 & BC327 TO-92
T603	482213041053	BC639
T604	046000000141	TRS HOR OUT
T703	046848000001	TRS BC848B SOT-23
T710	046848000001	TRS BC848B SOT-23
U200	609330001211	TSOP34836
V100	611380011021	TRIMPOT 1K 0 1W 30% V-ADJ 5/5
W600	602300033071	TRF HRZ DRIVE PT92
X200	049030000481	CRYSTAL 4 000 MHZ HC49U
X300	049030000501	CRYSTAL 4 433619 MHZ HC49U
X301	049030000511	CRYSTAL 3 579545 MHZ HC49U

Table 10-2 14PT1521/05

Pos	12NC Code	Description
	005108142390	PAINTED BUTTON 4'LU 14GR728 PHI
	005110002550	CHASSIS GUIDE RIGHT 14GR728 PHIL
	005110002560	CHASSIS GUIDE LEFT 14GR728 PHIL
	049030000511	CRYSTAL 3 579545 MHZ HC49U
	067420001641	FUSE 0.5A 32V 0603 SFTY
	067600002181	"ANTENNA ROD 14""
	075100711041	CONN 5P STRAIGHT FLAT
	081101111601	SWITCH TACT HRZ MTLCONT 6*6
	608280001981	COIL VARIABLE 44MHZ 39PF
	609330001211	TSOP34836
	620013061041	CAP MKT 100NF 63V 5% 5MM
	905100143140	PAINTED CBN 14GR728 PHILIPS GRE
	905110200500	BACK COVER 14'GR728 PHL(10840-PP
	905952000330	REFLECTOR 14' GR 728 PHILIPS
9SKT	631020092021	R/C RCLE011 MONO TXT PHILIPS
B200	081000000141	SWITCH POWERALPS SDKVA30100SFT
B201	081101111601	SWITCH TACT HRZ MTLCONT 6*6
B202	081101111601	SWITCH TACT HRZ MTLCONT 6*6
B203	081101111601	SWITCH TACT HRZ MTLCONT 6*6

Pos	12NC Code	Description
C137	042410252281	CAP ELECT 2200MF 25V 20%
C141	042416501051	CAP ELECT 1MF 50V 20%
C142	042416503361	CAP ELECT 33MF 50V 20%
C143	042446862251	CAP ELECT 2 2MF 250V 20%
C144	042033911011	CAP ELECT 3 3MF 250V
C145	042416351061	CAP ELECT 1000MF 35V 20% RSS
C146	042440661061	CAP ELECT 10MF 250V 20%
C200	042410252281	CAP ELECT 2200MF 25V 20%
C201	042140161071	CAP ELECT 100MF 16V 20%
C202	042446161061	CAP ELECT 10MF 16V 20%
C203	040043045681	CAP CER 56PF 50V 5% COG 0603
C204	040067141061	CAP CER 100NF 50V 10% X7R 0603
C205	040067141061	CAP CER 100NF 50V 10% X7R 0603
C206	040067141061	CAP CER 100NF 50V 10% X7R 0603
C207	042140161071	CAP ELECT 100MF 16V 20%
C208	042446161061	CAP ELECT 10MF 16V 20%
C209	040030014031	CAP CER 10NF 50V 10% SH
C210	040031042261	CAP CER 22PF 50V 5% COG 0603
C211	040031042261	CAP CER 22PF 50V 5% COG 0603
C212	040031042261	CAP CER 22PF 50V 5% COG 0603
C213	532212611583	10NF 10% X7R 50V 0603 CER2
C214	482212614236	CER2 0603 X7R 50V 2N2 COL R
C215	482212613193	4,7NF10% X7R 63V
C216	040067141061	CAP CER 100NF 50V 10% X7R 0603
C217	482212613193	4,7NF10% X7R 63V
C218	040044061861	CAP CER 470NF 16V 10% X7R 0603
C219	040730033281	CAP CER 33NF 25V 10% 0603
C220	040732041061	CAP CER 100PF 50V 5% COG 0603
C221	040044061861	CAP CER 470NF 16V 10% X7R 0603
C222	040044061861	CAP CER 470NF 16V 10% X7R 0603
C223	532212611583	10NF 10% X7R 50V 0603 CER2
C224	042416501051	CAP ELECT 1MF 50V 20%
C225	040052043381	CAP CER 330NF 50V20-80%Y5V0805
C226	040052044861	CAP CER 470PF 50V 5% COG 0603
C300	040067141061	CAP CER 100NF 50V 10% X7R 0603
C301	040067141061	CAP CER 100NF 50V 10% X7R 0603
C302	040067141061	CAP CER 100NF 50V 10% X7R 0603
C303	040067141061	CAP CER 100NF 50V 10% X7R 0603
C304	040067141061	CAP CER 100NF 50V 10% X7R 0603
C305	040067141061	CAP CER 100NF 50V 10% X7R 0603
C306	040067141061	CAP CER 100NF 50V 10% X7R 0603
C307	040067141061	CAP CER 100NF 50V 10% X7R 0603
C308	040067141061	CAP CER 100NF 50V 10% X7R 0603

Downloaded from www.Manualslib.com manuals search engine

Pos	12NC Code	Description
C356	042416501051	CAP ELECT 1MF 50V 20%
C357	042416501051	CAP ELECT 1MF 50V 20%
C358	042416501051	CAP ELECT 1MF 50V 20%
C359	042416501051	CAP ELECT 1MF 50V 20%
C360	040742041061	CAP CER 10PF 50V 5% COG 0603
C361	532212611578	1NF 10% X7R 50V 0603
C362	532212611578	1NF 10% X7R 50V 0603
C363	040050151011	CAP CER 100PF 1KVAC P7 5HT
C364	042140161071	CAP ELECT 100MF 16V 20%
C365	042140161071	CAP ELECT 100MF 16V 20%
C366	042140161071	CAP ELECT 100MF 16V 20%
C367	042416502261	CAP ELECT 22MF 50V 20%
C368	040052044861	CAP CER 470PF 50V 5% COG 0603
C369	042446501061	CAP ELECT 10MF 50V 20%
C370	482212613193	4,7NF10% X7R 63V
C371	482212613193	4,7NF10% X7R 63V
C372	042446161061	CAP ELECT 10MF 16V 20%
C373	042140161071	CAP ELECT 100MF 16V 20%
C375	482212613883	220PF 5% 50V
C440	042416501051	CAP ELECT 1MF 50V 20%
C443	042446502251	CAP ELECT 2.2MF 50V 20%
C444	042446502251	CAP ELECT 2.2MF 50V 20%
C445	482212614238	CER2 0603 X7R 50V 2N2 COL R
C453	532212611583	10NF 10% X7R 50V 0603 CER2
C455	040067141061	CAP CER 100NF 50V 10% X7R 0603
C456	040067141061	CAP CER 100NF 50V 10% X7R 0603
C457	040067141061	CAP CER 100NF 50V 10% X7R 0603
C458	040067141061	CAP CER 100NF 50V 10% X7R 0603
C459	040067141061	CAP CER 100NF 50V 10% X7R 0603
C460	040067141061	CAP CER 100NF 50V 10% X7R 0603
C461	040067141061	CAP CER 100NF 50V 10% X7R 0603
C462	040067141061	CAP CER 100NF 50V 10% X7R 0603
C463	040067141061	CAP CER 100NF 50V 10% X7R 0603
C464	040067141061	CAP CER 100NF 50V 10% X7R 0603
C465	040067141061	CAP CER 100NF 50V 10% X7R 0603
C470	482212614238	CER2 0603 X7R 50V 2N2 COL R
C472	042446161061	CAP ELECT 10MF 16V 20%
C473	996500020826	CAP CER 6.8NF 50V 5% 0603 COG
C474	532212611583	10NF 10% X7R 50V 0603 CER2
C475	040742022261	CAP CER 22NF 50V 5% X7R 0603
C476	042414254761	CAP ELECT 47MF 25V 20%
C477	040067141061	CAP CER 100NF 50V 10% X7R 0603
C478	042416501051	CAP ELECT 1MF 50V 20%

Pos	12NC Code	Description
C621	040040042231	CAP CER 2.2NF 50V 10% B
C622	532212611578	1NF 10% X7R 50V 0603
C623	620004133331	CAP MKP 33NF 630V 5% 15MM
C624	040044061861	CAP CER 470NF 16V 10% X7R 0603
C625	042416160001	CAP ELECT 22MF 160V 20%
C681	040040046821	CAP CER 680PF 2KV 5% 7.5MM
C701	042416501051	CAP ELECT 1MF 50V 20%
C702	042416501051	CAP ELECT 1MF 50V 20%
C703	042414164781	CAP ELECT 47MF 16V 20%
C713	482212613883	220PF 5% 50V
C714	482212614241	CER1 0603 NPO 50V 330P COL R
C715	482212614241	CER1 0603 NPO 50V 330P COL R
C727	532212611578	1NF 10% X7R 50V 0603
D100	482213031983	BAT85
D101	048321423201	DIODE RECT 1N4007 DO-41
D102	048321423201	DIODE RECT 1N4007 DO-41
D103	048321423201	DIODE RECT 1N4007 DO-41
D105	048110411111	DIODE LS4148 SOD80 QMELF
D106	482205130008	0R00 JUMPER
D107	048100000041	DIODE ZNR 2V7 BZX55C DO-35
D110	482205130008	0R00 JUMPER
D111	048322107001	DIODE GP BA282&BA482 DO35/DO34
D112	482213034362	BZX79-B8V2
D114	482213041467	BYV95C
D116	482213041467	BYV95C
D117	048321423201	DIODE RECT 1N4007 DO-41
D120	048326526301	DIODE RECT BYT54K
D122	048540146001	DIODE ZNR BZX79-C5V6
D123	048321423201	DIODE RECT 1N4007 DO-41
D125	046986294161	TRS 2SA720 & BC327 TO-92
D200	048549637001	DIODE ZNR 9V1 BZX55C DO-35
D201	482213041602	BYW95C
D202	048110411111	DIODE LS4148 SOD80 QMELF
D203	048110411111	DIODE LS4148 SOD80 QMELF
D204	482213031983	BAT85
D300	048110411111	DIODE LS4148 SOD80 QMELF
D303	482213060884	BZV55-C5V1
D304	048110411111	DIODE LS4148 SOD80 QMELF
D305	048110411111	DIODE LS4148 SOD80 QMELF
D306	048110411111	DIODE LS4148 SOD80 QMELF
D307	048110411111	DIODE LS4148 SOD80 QMELF
D311	482213030959	ZTK33B
D312	482213030842	BAV21

Downloaded from www.Manualslib.com manuals search engine

Pos	12NC Code	Description
I103	045000003631	IC ICE1QS01
I104	045000004131	IC ST92195C7B1
I200	045236103051	IC LM317 1 5A ADJ V REG TO-220
I201	045000002291	IC STV2248E PAL/NTSC/SECAMPROG
I300	045000001971	IC TDA1771 VERTICAL DEFLECTION
I404	042719901071	CAP ELC 100MF400V20%SNAP-INSFT
I600	532220963002	TDA2822M
J106	482205130006	0R00 JUMPER
J201	482205130006	0R00 JUMPER
J303	482205130006	0R00 JUMPER
J305	482205130006	0R00 JUMPER
J306	482205130006	0R00 JUMPER
J413	036070204111	FERRIT BEAD LI0805H151R-00 SMD
J417	482205130008	0R00 JUMPER
J422	482205130008	0R00 JUMPER
J702	482205130008	0R00 JUMPER
J703	482205130008	0R00 JUMPER
J704	482205130008	0R00 JUMPER
J930	482205130008	0R00 JUMPER
J932	482205130008	0R00 JUMPER
J933	482205130008	0R00 JUMPER
J934	034710303631	THERM PTC 18R 30% 2P 10MM SFTY
K402	070362110151	A33EKC02X01
L102	608580003510	COIL DEG 14'PHLS DVDTV 9RSFTY
L103	608980000121	COIL 4 7UH 5% AXIAL FIX
L105	608780002411	COIL FILTER 3 5*9*0 8 F BEAD
L106	030208868311	RESISTOR M O 68K 2W 5%
L109	608000000041	COIL 10UH 5% 0 8A AXIAL FIXED
L110	608000000221	COIL 10UH 5% 0 41A AXIAL FIXED
L301	608780002411	COIL FILTER 3 5*9*0 8 F BEAD
L302	036070204111	FERRIT BEAD LI0805H151R-00 SMD
L303	036070204111	FERRIT BEAD LI0805H151R-00 SMD
L304	036070204111	FERRIT BEAD LI0805H151R-00 SMD
L305	036070204111	FERRIT BEAD LI0805H151R-00 SMD
L306	608780002411	COIL FILTER 3 5*9*0 8 F BEAD
L314	604200000381	TRF FBT W/BLDR CFPT90B AC40SFT
L317	608980000101	COIL 12UH 5% 0 15A AXIAL FIXED
L318	608980000111	COIL 1UH 5% 0 27A AXIAL FIXED
L319	608000000221	COIL 10UH 5% 0 41A AXIAL FIXED
L320	608060001141	COIL 4 7UH 10% 0 82A AXL FIX B
L321	608060001141	COIL 4 7UH 10% 0 82A AXL FIX B
L322	608060001141	COIL 4 7UH 10% 0 82A AXL FIX B
L323	608000000221	COIL 10UH 5% 0 41A AXIAL FIXED

Pos	12NC Code	Description
R113	482205130682	6K80 5% 0 062W
R114	030010683461	RESISTOR C F 2 2R 1/10W5% 0603
R115	030208627311	RESISTOR M O 27K 2W 5%
R120	030050622111	RESISTOR C F 220R 1/2W 5%
R121	030020656131	RESISTOR C F 560R 1/4W 5%
R122	030020656331	RESISTOR C F 56K 1/4W 5%
R123	030020656331	RESISTOR C F 56K 1/4W 5%
R124	067310001831	FUSE2 5A250V5X20MM TIME-LAGSFT
R127	030020620211	RESISTOR C F 2K 1/4W 5%
R136	067310001851	FUSE 5A 32V 0603
R137	030010675461	RESISTOR C F 750K 1/10W5% 0603
R138	030010682181	RESISTOR C F 820R 1/10W5% 0603
R139	030010615461	RESISTOR C F 150K 1/10W5% 0603
R141	482205130273	27K00 5% 0,062W
R143	030050633611	RESISTOR MGL 3 3M1/2W5%SFTVR37
R144	067423001841	FUSE 0 5A 32V 0603 SFTY
R200	030011610361	RESISTOR C F 1M 1/10W 0603
R201	482205130221	220R00 5% 0,062W
R202	482205130221	220R00 5% 0,062W
R203	482205130221	220R00 5% 0,062W
R204	482205130221	220R00 5% 0,062W
R205	482205130221	220R00 5% 0,062W
R206	030010615181	RESISTOR C F 150R 1/10W5% 0603
R207	482205130471	470R00 5% 0,062W
R208	482205130472	4K70 5% 0,062W
R209	482211712925	47K 1% 0 063W 0603
R210	482205130472	4K70 5% 0,062W
R211	482205130472	4K70 5% 0,062W
R212	482205130472	4K70 5% 0,062W
R213	482205130472	4K70 5% 0,062W
R214	482205130472	4K70 5% 0,062W
R215	482205130472	4K70 5% 0,062W
R216	482205130472	4K70 5% 0,062W
R217	030010651001	RESISTOR 510R 1/8W5% 0605
R218	482205130561	560R00 5% 0,062W
R219	482205130561	560R00 5% 0,062W
R220	482205130561	560R00 5% 0,062W
R221	482205130101	100R00 5% 0,062W
R222	482205130103	10K00 5% 0,062W
R223	482205130103	10K00 5% 0,062W
R224	482205130103	10K00 5% 0,062W
R225	482205130103	10K00 5% 0,062W
R226	482205130103	10K00 5% 0,062W

Downloaded from www.Manualslib.com manuals search engine

Pos	12NC Code	Description
R324	482205130103	10K00 5% 0,062W
R325	482205130103	10K00 5% 0,062W
R326	482205130103	10K00 5% 0,062W
R327	482205130103	10K00 5% 0,062W
R328	030010627261	RESISTOR C F 2 7K 1/10W5% 0603
R329	482205130273	27K00 5% 0,062W
R330	482205130273	27K00 5% 0,062W
R331	482205130101	100R00 5% 0,062W
R332	482205130101	100R00 5% 0,062W
R337	482211712925	47K 1% 0 063W 0603
R338	482205130101	100R00 5% 0,062W
R339	482205130101	100R00 5% 0,062W
R340	482205130101	100R00 5% 0,062W
R348	482205130222	2K20 5% 0,062W
R349	482205130102	1K00 5% 0,062W
R350	482205130223	22K00 5% 0,062W
R353	482205130479	47R00 5% 0,062W
R356	482205130103	10K00 5% 0,062W
R357	030010812261	RESISTOR C F 1 2K 1/10W5% 0603
R358	482205130563	56K00 5% 0,062W
R359	030010824261	RESISTOR C F 2 4K 1/10W5% 0603
R362	482205130123	12K00 5% 0,062W
R363	482205130682	6K80 5% 0,062W
R364	482205130332	3K30 5% 0,062W
R365	482205130334	330K00 5% 0,062W
R366	482205130334	330K00 5% 0,062W
R367	482205130681	680R00 5% 0,062W
R368	030020656331	RESISTOR C F 56K 1/4W 5%
R369	482205130222	2K20 5% 0,062W
R370	482205130222	2K20 5% 0,062W
R371	482205130153	15K00 5% 0,062W
R372	030010862161	RESISTOR C F 820R 1/10W5% 0603
R373	482205130103	10K00 5% 0,062W
R374	482205130562	5K6 5% 0,063W 0603 RC21 RST SM
R375	030010824261	RESISTOR C F 2 4K 1/10W5% 0603
R376	482205130271	270R00 5% 0,062W
R377	482205130271	270R00 5% 0,062W
R378	482211712925	47K 1% 0 063W 0603
R379	482205130562	5K6 5% 0,063W 0603 RC21 RST SM
R403	482205130101	100R00 5% 0,062W
R416	482205130006	0R00 JUMPER
R416	532211713042	3K9 1% 0,063W 0603 RC22H
R422	482205130102	1K00 5% 0,062W

Pos	12NC Code	Description
R516	482205130561	560R00 5% 0,062W
R517	030050639311	RESISTOR C F 39R 1/4W
R518	030050715221	RES C COMP 1 5K 1/2W
R519	030050715221	RES C COMP 1 5K 1/2W
R520	030020610511	RESISTOR C F 1M 1/4W 5%
R521	030020622331	RESISTOR C F 22K 1/4W 5%
R522	030050715221	RES C COMP 1 5K 1/2W
R525	030010600081	RESISTOR C F 0R 1/8W 5% 0805
R527	030010600081	RESISTOR C F 0R 1/8W 5% 0805
R529	030010600081	RESISTOR C F 0R 1/8W 5% 0805
R530	030050715221	RES C COMP 1 5K 1/2W
R532	030050715221	RES C COMP 1 5K 1/2W
R533	030100656131	RESISTOR MFLM 5 6R 1/4W 1%
R600	482205130101	100R00 5% 0,062W
R601	030011656261	RESISTOR C F 5 1K 1/10W 0603
R602	482205130153	15K00 5% 0,062W
R603	482205130183	18K00 5% 0,062W
R604	482205130331	330R00 5% 0,062W
R605	482205130103	10K00 5% 0,062W
R606	482205130103	10K00 5% 0,062W
R607	030010682261	RESISTOR C F 8 2K 1/10W5% 0603
R608	030020622511	RESISTOR C F 2 2M 1/4W 5%
R609	030050610211	RESISTOR C F 1K 1/2W 5%
R610	030050622111	RESISTOR C F 220R 1/2W 5%
R613	482205130152	1K50 5% 0,062W
R614	030010682261	RESISTOR C F 8 2K 1/10W5% 0603
R615	482205130102	1K00 5% 0,062W
R616	030025610011	RESISTOR FUSIBLE 10R 1/4W 5%
R617	030010622261	RESISTOR C F 22R 1/10W5% 0603
R618	482205130334	330K00 5% 0,062W
R619	030010612261	RESISTOR C F 1 2K 1/10W5% 0603
R620	030010611241	RES H VOLT PRF 1 2M 1/4W2% SFT
R621	030020675011	RESISTOR C F 75R 1/4W 5%
R622	030025601011	RESISTOR FUSIBLE 1R 1/4W 5%
R623	030055668811	RESISTOR FUSIBLE 0 68R 1/2W
R624	482205130683	68K00 5% 0,062W
R625	482211712925	47K 1% 0 063W 0603
R626	482211712925	47K 1% 0 063W 0603
R627	030020633331	RESISTOR C F 33K 1/4W 5%
R629	030050633611	RESISTOR MGL 3 3M1/2W5%SFTVR37
R630	030055722611	RESISTOR FUSIBLE 0 22R 1/2W 5%
R632	030105622121	RESISTOR FUSIBLE 220R 1/4W 5%
R633	030010656221	RESISTOR FUSIBLE 5 6K 1W 5%

Downloaded from www.Manualslib.com manuals search engine

Pos	12NC Code	Description
R758	482205130682	6K80 5% 0,062W
R759	482205130682	6K80 5% 0,062W
R760	482205130109	10R00 5% 0,062W
R761	030010612281	RESISTOR C F 1 2K 1/10W5% 0603
R762	482205130472	4K70 5% 0,062W
R762	482205130562	5K6 5% 0,063W 0603 RC21 RST SM
R763	482205130222	2K20 5% 0,062W
R764	482205130681	680R00 5% 0,062W
R765	030010615181	RESISTOR C F 150R 1/10W5% 0603
R766	482205130562	5K6 5% 0,063W 0603 RC21 RST SM
S101	002344350221	CABLE 2P*1SKT 35CM VRT YENI
S101	075040210051	SOCKET SCART 27'/28'/32'COMMON
S102	075100211260	CONN 2P VRT 7.5MM BLACK
S201	075100211781	CONN 2P K.PIM 7.5MM DEGAUSS
S301	002022000140	CABLE 4P(3P)*2SKT BRD-IN45CMMN
S302	002013202630	CABLE 2P*1SKT 20CM MINI
S402	075030211001	CONN 2P VRT W/LOCK 5MM
S506	075016420091	SOCKET HEADPHONE STR SJ-510C
S507	002020511180	CBLE DBLE TERM BLACK(SYH)30CM
S600	002027232290	CABLE HRZ BASKILI 35CM 7.5MM
S600	075020800031	SOCKET CRTNARROW NECK29MM SFTY
S601	002020511160	CBLE DBLE TERM BLACK(SYH)30CM
S602	002022000300	CABLE 5P*2SKT 30CM BRD-IN
S602	075100211781	CONN 2P K.PIM 7.5MM DEGAUSS
S701	075030211011	CONN 2P IN -LINE VRT MINI
T101	482213040855	BC337
T105	046711000031	TRS SPA04N60C2 ISOWATT-220
T107	045236103081	IC LM7805 5V1A VOLT REG TO-220
T200	046846480121	TRS BC847B SOT-23
T201	046846000001	TRS BC848B SOT-23
T202	046846000001	TRS BC848B SOT-23
T303	046846000001	TRS BC848B SOT-23
T304	046846000001	TRS BC848B SOT-23
T305	046846000001	TRS BC848B SOT-23
T306	046846000001	TRS BC848B SOT-23
T307	811360011021	TRIMPOT 1K 0.1W 30% V-ADJ 5/5
T404	046846000001	TRS BC848B SOT-23
T405	046846000001	TRS BC848B SOT-23
T406	046846480121	TRS BC847B SOT-23
T408	046000000131	TRS POW BD135
T501	046856000001	TRS BC858 BP
T502	482213041782	BF422
T503	482213041782	BF422

Pos	12NC Code	Description
	036016010071	FERRIT RING U5 T 31X7X19
	067310001831	FUSE2.5A250V5X20MM TIME-LAGSFT
	067600002181	"ANTENNA ROD 14""
	070362110151	A33EKC02X01
	075110211070	FUSE HOLDER GREY TK79/A2 5ASFT
	808560003510	COIL DEG 14 PHLS DVDTV 9RSFTY
	810308170061	SPEAKER 16R 4W 14'
	831020092021	R/C RCLE011 MONO TXT PHILIPS
	841300100130	COMP. 14' PT19 SPEAKER
	905110200500	BACK COVER 14'GR726 PHL(10640-PP
	905952000330	REFLECTOR 14' GR 726 PHILIPS
B200	081101111601	SWITCH TACT HRZ MTLCONT 6*6
B201	081101111601	SWITCH TACT HRZ MTLCONT 6*6
B202	081101111601	SWITCH TACT HRZ MTLCONT 6*6
B203	081101111601	SWITCH TACT HRZ MTLCONT 6*6
BKBN	905100143140	PAINTED CBN 14GR726 PHILIPS GRE
C100	040040152211	CAP CER 2.2NF 1KV 10% BN SFTY
C101	040040152211	CAP CER 2.2NF 1KV 10% BN SFTY
C102	040040152211	CAP CER 2.2NF 1KV 10% BN SFTY
C103	040040152211	CAP CER 2.2NF 1KV 10% BN SFTY
C104	620004062241	CAP MKT220NF275VAC20%RFIX2 SFT
C105	620004062241	CAP MKT220NF275VAC20%RFIX2 SFT
C107	040732056061	CAP CER 560PF 50V 5% COG 0603
C108	040742041061	CAP CER 10PF 50V 5% COG 0603
C109	996500020826	CAP CER 6.8NF 50V 5% 0603 COG
C110	040067041371	CAP CER 1NF 400V%20ACX1Y1SFTY
C113	042719901071	CAP ELC 100MF400V20%SNAP-INSFT
C115	040067141061	CAP CER 100NF 50V 10% X7R 0603
C116	040043045661	CAP CER 56PF 50V 5% COG 0603
C117	042416503361	CAP ELECT 33MF 50V 20%
C119	040040172211	CAP CER 220PF 2KV 10% B
C120	620004133331	CAP MKP 33NF 630V 5% 15MM
C121	040040172211	CAP CER 220PF 2KV 10% B
C122	040040172211	CAP CER 220PF 2KV 10% B
C123	620003148811	CAP MKP 680PF 2000V 10%
C125	040040202221	CAPCER2.2NF400VAC20%4KVSFTX1Y1
C126	040067141061	CAP CER 100NF 50V 10% X7R 0603
C127	042410252281	CAP ELECT 2200MF 25V 20%
C128	042446501061	CAP ELECT 10MF 50V 20%
C129	042410252281	CAP ELECT 2200MF 25V 20%
C131	040067141061	CAP CER 100NF 50V 10% X7R 0603
C132	040067141061	CAP CER 100NF 50V 10% X7R 0603
C133	040067141061	CAP CER 100NF 50V 10% X7R 0603

Downloaded from www.Manualslib.com manuals search engine

Pos	12NC Code	Description
C222	040044081861	CAP CER 470NF 16V 10% X7R 0603
C223	532212611583	10NF 10% X7R 50V 0603 CER2
C224	042416501051	CAP ELECT 1MF 50V 20%
C225	040052044861	CAP CER 470PF 50V 5% COG 0603
C226	482212613883	220PF 5% 50V
C300	040067141061	CAP CER 100NF 50V 10% X7R 0603
C301	040067141061	CAP CER 100NF 50V 10% X7R 0603
C302	040067141061	CAP CER 100NF 50V 10% X7R 0603
C303	040151041051	CAP CER 100NF 50V 10% B
C304	040067141061	CAP CER 100NF 50V 10% X7R 0603
C305	040067141061	CAP CER 100NF 50V 10% X7R 0603
C306	040067141061	CAP CER 100NF 50V 10% X7R 0603
C307	040067141061	CAP CER 100NF 50V 10% X7R 0603
C308	040067141061	CAP CER 100NF 50V 10% X7R 0603
C309	040067141061	CAP CER 100NF 50V 10% X7R 0603
C310	040067141061	CAP CER 100NF 50V 10% X7R 0603
C311	040067141061	CAP CER 100NF 50V 10% X7R 0603
C313	040067141061	CAP CER 100NF 50V 10% X7R 0603
C314	040067141061	CAP CER 100NF 50V 10% X7R 0603
C315	620013081041	CAP MKT 100NF 63V 5% 5MM
C316	040067141061	CAP CER 100NF 50V 10% X7R 0603
C317	040067141061	CAP CER 100NF 50V 10% X7R 0603
C318	040067141061	CAP CER 100NF 50V 10% X7R 0603
C319	042414164761	CAP ELECT 47MF 16V 20%
C321	042414164761	CAP ELECT 47MF 16V 20%
C322	042446161061	CAP ELECT 10MF 16V 20%
C323	042446161061	CAP ELECT 10MF 16V 20%
C324	042446161061	CAP ELECT 10MF 16V 20%
C325	042446161061	CAP ELECT 10MF 16V 20%
C326	040732041061	CAP CER 100PF 50V 5% COG 0603
C327	040732041061	CAP CER 100PF 50V 5% COG 0603
C329	040732041061	CAP CER 100PF 50V 5% COG 0603
C332	042416501051	CAP ELECT 1MF 50V 20%
C333	042416501051	CAP ELECT 1MF 50V 20%
C334	042416501051	CAP ELECT 1MF 50V 20%
C335	042416501051	CAP ELECT 1MF 50V 20%
C336	042416501051	CAP ELECT 1MF 50V 20%
C337	042416501051	CAP ELECT 1MF 50V 20%
C339	040031042261	CAP CER 22PF 50V 5% COG 0603
C340	040031042261	CAP CER 22PF 50V 5% COG 0603
C341	482205130006	0R00 JUMPER
C342	482212614487	8.2PF 0.5% 50V 0603
C353	532212611583	10NF 10% X7R 50V 0603 CER2

Pos	12NC Code	Description
C460	040067141061	CAP CER 100NF 50V 10% X7R 0603
C461	040067141061	CAP CER 100NF 50V 10% X7R 0603
C462	040067141061	CAP CER 100NF 50V 10% X7R 0603
C463	040067141061	CAP CER 100NF 50V 10% X7R 0603
C464	040067141061	CAP CER 100NF 50V 10% X7R 0603
C465	040067141061	CAP CER 100NF 50V 10% X7R 0603
C470	482212614236	CER2 0603 X7R 50V 2N2 COL R
C472	042446255661	CAP ELECT 56MF 25V
C473	040067041881	CAP CER 680NF 16V X7R 10% 0805
C474	532212611583	10NF 10% X7R 50V 0603 CER2
C475	040742022261	CAP CER 22NF 50V 5% X7R 0603
C476	042414254761	CAP ELECT 47MF 25V 20%
C477	040067141061	CAP CER 100NF 50V 10% X7R 0603
C478	042416501051	CAP ELECT 1MF 50V 20%
C479	040742041061	CAP CER 10PF 50V 5% COG 0603
C480	040742041061	CAP CER 10PF 50V 5% COG 0603
C481	482212613883	220PF 5% 50V
C483	040742041061	CAP CER 10PF 50V 5% COG 0603
C485	042416502261	CAP ELECT 22MF 50V 20%
C501	482212614241	CER1 0603 NPO 50V 330P COL R
C502	482212614241	CER1 0603 NPO 50V 330P COL R
C503	482212614241	CER1 0603 NPO 50V 330P COL R
C505	042446862251	CAP ELECT 2.2MF 250V 20%
C507	040031042261	CAP CER 22PF 50V 5% COG 0603
C508	620003134731	CAP MKT 47NF 630V 5% 10/15MM
C516	040040171021	CAP CER 1NF 2KV 10% BN
C600	996500012523	0.22 UF 50V 20%
C601	620004072241	CAP MKT 220NF 63V 10% 5MM
C602	620004014731	CAP MKT 47NF 100V 10% 5MM
C603	042446351071	CAP ELECT 100MF 35V 20%
C604	042416502261	CAP ELECT 22MF 50V 20%
C605	042416160001	CAP ELECT 22MF 160V 20%
C606	042414351061	CAP ELECT 2200MF 35V 20%
C607	042414254761	CAP ELECT 47MF 25V 20%
C609	620004001051	CAP MKT 10NF 50V
C610	040031042261	CAP CER 22PF 50V 5% COG 0603
C611	618014011161	CAP MKT 100NF 50V 5%
C612	618014011161	CAP MKT 100NF 50V 5%
C613	620013081041	CAP MKT 100NF 63V 5% 5MM
C614	040067141061	CAP CER 100NF 50V 10% X7R 0603
C615	040040042231	CAP CER 2.2NF 50V 10% B
C616	040030014031	CAP CER 10NF 50V 10% SH
C617	040040174721	CAP CER 470PF 2KV 5% B 7.5MM

Downloaded from www.Manualslib.com manuals search engine

Pos	12NC Code	Description
D125	048000000031	DIODE RECT SS13
D200	048773809001	DIODE LED KLR114L RED 5MM
D201	048100000041	DIODE ZNR 2V7 BZX55C DO-35
D202	048110411111	DIODE LS4148 SOD80 QMELF
D203	048110411111	DIODE LS4148 SOD80 QMELF
D204	482213031983	BAT85
D300	048110411111	DIODE LS4148 SOD80 QMELF
D303	482213031983	BAT85
D304	048110411111	DIODE LS4148 SOD80 QMELF
D305	048110411111	DIODE LS4148 SOD80 QMELF
D306	048110411111	DIODE LS4148 SOD80 QMELF
D307	048110411111	DIODE LS4148 SOD80 QMELF
D311	048544926101	DIODE ZNR 7V5 ZPD DO-35
D312	482213080884	BZV55-C5V1
D313	482213080884	BZV55-C5V1
D314	482213080884	BZV55-C5V1
D315	482213080884	BZV55-C5V1
D316	048322107001	DIODE GP BA282&BA482 DO35/DO34
D317	048322107001	DIODE GP BA282&BA482 DO35/DO34
D501	482213030842	BAV21
D502	482213030842	BAV21
D503	482213030842	BAV21
D504	482213031983	BAT85
D505	482213034382	BZX79-B8V2
D505	048548637001	DIODE ZNR 9V1 BZX55C DO-35
D506	048321423201	DIODE RECT 1N4007 DO-41
D600	048321423201	DIODE RECT 1N4007 DO-41
D601	482213041487	BYV95C
D602	482213041487	BYV95C
D603	482213041487	BYV95C
D604	482213041487	BYV95C
D605	482213041487	BYV95C
D606	048110411111	DIODE LS4148 SOD80 QMELF
D701	048110411111	DIODE LS4148 SOD80 QMELF
D702	048110411111	DIODE LS4148 SOD80 QMELF
D704	482213080884	BZV55-C5V1
DORT	005108142390	PAINTED BUTTON 4'LU 14GR728 PHI
F100	841600100070	COMP GRIPPERLI 2.5 AMP SIGORTA
F300	037730007801	FILTER SAW K3953M B/G L/L' VID
F301	037730007101	FILTER TRAP TRI 5 5/8 0/8 5MHZ
F302	037730007771	FILTER SAW K9453M B/GD/KL/L'AU
FBT1	604200000381	TRF FBT W/BLDR CFPT90B AC40SFT
GND*	482205130562	5K6 5% 0.063W 0603 RC21 RST SM

Pos	12NC Code	Description
L301	608760002411	COIL FILTER 3 5*9*0 8 F BEAD
L302	036070204111	FERRIT BEAD LI0805H151R-00 SMD
L303	036070204111	FERRIT BEAD LI0805H151R-00 SMD
L304	036070204111	FERRIT BEAD LI0805H151R-00 SMD
L305	036070204111	FERRIT BEAD LI0805H151R-00 SMD
L306	608980000101	COIL 12UH 5% 0.15A AXIAL FIXED
L314	608000000021	COIL 10UH 5% 0.16A AXIAL FIXED
L317	608980000111	COIL 1UH 5% 0.27A AXIAL FIXED
L318	608980000121	COIL 4.7UH 5% AXIAL FIX
L319	608080001141	COIL 4.7UH 10% 0.82A AXL FIX B
L320	608080001141	COIL 4.7UH 10% 0.82A AXL FIX B
L321	608080001141	COIL 4.7UH 10% 0.82A AXL FIX B
L322	608080001141	COIL 4.7UH 10% 0.82A AXL FIX B
L323	608000000221	COIL 10UH 5% 0.41A AXIAL FIXED
L324	608260001981	COIL VARIABLE 44MHZ 39PF
L401	036070204111	FERRIT BEAD LI0805H151R-00 SMD
L403	036070204111	FERRIT BEAD LI0805H151R-00 SMD
L405	608000000031	COIL 47UH 5% 0.07A AXIAL FIXED
L406	608980000111	COIL 1UH 5% 0.27A AXIAL FIXED
L407	608000000031	COIL 47UH 5% 0.07A AXIAL FIXED
L409	608000000041	COIL 10UH 5% 0.6A AXIAL FIXED
L410	608000000041	COIL 10UH 5% 0.6A AXIAL FIXED
L600	608980004061	COIL LINEARITY 100UH
L701	036070204111	FERRIT BEAD LI0805H151R-00 SMD
L703	036070204111	FERRIT BEAD LI0805H151R-00 SMD
L704	036070204111	FERRIT BEAD LI0805H151R-00 SMD
L709	608980000101	COIL 12UH 5% 0.15A AXIAL FIXED
L711	036070204111	FERRIT BEAD LI0805H151R-00 SMD
L713	608980000111	COIL 1UH 5% 0.27A AXIAL FIXED
L715	036070204111	FERRIT BEAD LI0805H151R-00 SMD
L717	608000000021	COIL 10UH 5% 0.16A AXIAL FIXED
L718	608000000021	COIL 10UH 5% 0.16A AXIAL FIXED
ONOF	005102000260	PAINTED BUTTON ONOFF 14GR728PHIL
P100	081000000141	SWITCH POWERALPS SDKVA30100SFT
P101	034710303631	THERM PTC 16R 30% 2P 10MM SFTY
P401	075016420091	SOCKET HEADPHONE STR SJ-510C
R100	032040555211	RESS W.W 5.6R 5W 10%VERCM SFTY
R102	482205130222	2K20 5% 0,062W
R107	030010811241	RES H VOLT PRF 1.2M 1/4W2% SFT
R108	030010839461	RESISTOR C.F 390K 1/10W5% 0603
R109	482205130479	47R00 5% 0,062W
R110	030100658131	RESISTOR MFLM 5.6R 1/4W 1%

Downloaded from www.ManualsLib.com manuals search engine

Pos	12NC Code	Description
R213	482205130472	4K70 5% 0,062W
R214	482205130472	4K70 5% 0,062W
R215	482205130472	4K70 5% 0,062W
R216	482205130472	4K70 5% 0,062W
R217	482205130561	560R00 5% 0,062W
R218	482205130561	560R00 5% 0,062W
R219	482205130561	560R00 5% 0,062W
R220	482205130561	560R00 5% 0,062W
R221	482205130102	1K00 5% 0,062W
R222	482205130103	10K00 5% 0,062W
R223	482205130103	10K00 5% 0,062W
R224	482205130103	10K00 5% 0,062W
R225	482205130103	10K00 5% 0,062W
R226	482205130103	10K00 5% 0,062W
R227	482205130562	5K6 5% 0,063W 0603 RC21 RST SM
R228	482205130562	5K6 5% 0,063W 0603 RC21 RST SM
R229	482205130153	15K00 5% 0,062W
R230	482205130222	2K20 5% 0,062W
R231	482205130221	220R00 5% 0,062W
R232	482205130008	0R00 JUMPER
R233	030010682161	RESISTOR C F 620R 1/10W5% 0603
R234	482205130471	470R00 5% 0,062W
R235	482205130008	0R00 JUMPER
R236	482211712925	47K 1% 0 063W 0603
R237	482211712925	47K 1% 0 063W 0603
R238	482205130561	560R00 5% 0 062W
R239	482205130152	1K50 5% 0,062W
R240	482205130183	18K00 5% 0,062W
R241	482205130101	100R00 5% 0,062W
R242	482205130101	100R00 5% 0,062W
R243	482205130472	4K70 5% 0,062W
R244	482205130472	4K70 5% 0,062W
R245	482205130103	10K00 5% 0,062W
R246	482205130103	10K00 5% 0,062W
R300	482205130472	4K70 5% 0,062W
R306	030010639461	RESISTOR C F 390K 1/10W5% 0603
R311	482205130331	330R00 5% 0,062W
R312	482205130102	1K00 5% 0,062W
R313	030010612261	RESISTOR C F 1 2K 1/10W5% 0603
R314	482205130102	1K00 5% 0,062W
R315	482205130102	1K00 5% 0,062W
R316	482205130102	1K00 5% 0,062W
R317	482205130102	1K00 5% 0,062W

Pos	12NC Code	Description
R370	482205130222	2K20 5% 0,062W
R371	482205130153	15K00 5% 0,062W
R372	030010662261	RESISTOR C F 6 2K 1/10W5% 0603
R373	482205130103	10K00 5% 0,062W
R374	482205130563	56K00 5% 0,062W
R375	482205130271	270R00 5% 0,062W
R376	482205130271	270R00 5% 0,062W
R377	482205130271	270R00 5% 0,062W
R378	482211712925	47K 1% 0 063W 0603
R379	482205130562	5K6 5% 0,063W 0603 RC21 RST SM
R403	482205130101	100R00 5% 0,062W
R416	482205130008	0R00 JUMPER
R416	532211713042	3K9 1% 0 063W 0603 RC22H
R422	482205130102	1K00 5% 0,062W
R427	030020610131	RESISTOR C F 100R 1/4W 5%
R428	482205130472	4K70 5% 0,062W
R432	030010647961	RESISTOR C F 4 7R 1/10W5% 0603
R433	030010647961	RESISTOR C F 4 7R 1/10W5% 0603
R434	482205130222	2K20 5% 0,062W
R435	030010627261	RESISTOR C F 2 7K 1/10W5% 0603
R436	030010627261	RESISTOR C F 2 7K 1/10W5% 0603
R437	482205130163	16K00 5% 0,062W
R439	482205130331	330R00 5% 0,062W
R444	482205130102	1K00 5% 0,062W
R445	482205130472	4K70 5% 0,062W
R446	030010627261	RESISTOR C F 2 7K 1/10W5% 0603
R447	030055722611	RESISTOR FUSIBLE 0 22R 1/2W 5%
R448	482205130008	0R00 JUMPER
R450	482205130759	75R00 5% 0,062W
R451	482205130332	3K30 5% 0,062W
R501	030010662161	RESISTOR C F 820R 1/10W5% 0603
R502	030010662161	RESISTOR C F 820R 1/10W5% 0603
R503	030010662161	RESISTOR C F 820R 1/10W5% 0603
R504	030010651001	RESISTOR 510R 1/6W5% 0805
R505	482205130109	10R00 5% 0,062W
R506	030010651001	RESISTOR 510R 1/6W5% 0805
R507	482205130109	10R00 5% 0,062W
R508	030010651001	RESISTOR 510R 1/6W5% 0805
R509	482205130109	10R00 5% 0,062W
R510	030208627311	RESISTOR M O 27K 2W 5%
R511	030208627311	RESISTOR M O 27K 2W 5%
R512	030208627311	RESISTOR M O 27K 2W 5%
R513	030105622121	RESISTOR FUSIBLE 220R 1/4W 5%

Downloaded from www.Manualslib.com manuals search engine

Pos	12NC Code	Description
R616	532211713042	3K9 1% 0 063W 0603 RC22H
R619	030010612261	RESISTOR C F 1 2K 1/10W5% 0603
R620	030010612161	RESISTOR C F 120R 1/10W5% 0603
R621	030025601011	RESISTOR FUSIBLE 1R 1/4W 5%
R622	030025610011	RESISTOR FUSIBLE 10R 1/4W 5%
R623	030055722611	RESISTOR FUSIBLE 0 22R 1/2W 5%
R624	030020675011	RESISTOR C F 75R 1/4W 5%
R625	482211712925	47K 1% 0 063W 0603
R626	482211712925	47K 1% 0 063W 0603
R627	030020656131	RESISTOR C F 560R 1/4W 5%
R629	030050639311	RESISTOR C F 39R 1/4W
R630	030100622901	RESISTOR FUSIBLE 2 2R 1W 5%
R632	030135747901	RESISTOR FUSIBLE4 7R10%NMA0207
R633	030010656241	RESISTOR FUSIBLE 5 6K 3W 5%
R634	030020610511	RESISTOR C F 1M 1/4W 5%
R635	030011610361	RESISTOR C F 1M 1/10W 0603
R636	030010150661	RESISTOR C F 1 5M 1/10W5% 0603
R637	030010150661	RESISTOR C F 1 5M 1/10W5% 0603
R638	030010675461	RESISTOR C F 750K 1/10W5% 0603
R639	030020620211	RESISTOR C F 2K 1/4W 5%
R640	030020620211	RESISTOR C F 2K 1/4W 5%
R641	482205130223	22K00 5% 0,062W
R701	482205130332	3K30 5% 0,062W
R702	482205130103	10K00 5% 0,062W
R703	482205130332	3K30 5% 0,062W
R704	482205130332	3K30 5% 0,062W
R706	482205130103	10K00 5% 0,062W
R711	030010682261	RESISTOR C F 6 2K 1/10W5% 0603
R712	482205130332	3K30 5% 0,062W
R713	030010682261	RESISTOR C F 6 2K 1/10W5% 0603
R717	030010622261	RESISTOR C F 22R 1/10W5% 0603
R719	462205130006	0R00 JUMPER
R720	482205130759	75R00 5% 0,062W
R723	482205130759	75R00 5% 0,062W
R724	482205130759	75R00 5% 0,062W
R725	482205130759	75R00 5% 0,062W
R726	482205130759	75R00 5% 0,062W
R727	030010615161	RESISTOR C F 150R 1/10W5% 0603
R729	030010647961	RESISTOR C F 4 7R 1/10W5% 0603
R730	482205130101	100R00 5% 0,062W
R731	482205130101	100R00 5% 0,062W
R732	482205130101	100R00 5% 0,062W
R733	482205130101	100R00 5% 0,062W

Pos	12NC Code	Description
T201	046848000001	TRS BC646B SOT-23
T202	046848000001	TRS BC646B SOT-23
T303	046848000001	TRS BC646B SOT-23
T304	046848000001	TRS BC646B SOT-23
T305	046848000001	TRS BC648B SOT-23
T306	046848000001	TRS BC648B SOT-23
T307	616800021121	TUNER CTF5540 THOMSON
T404	046848000001	TRS BC848B SOT-23
T405	046848480121	TRS BC847B SOT-23
T406	046848480121	TRS BC847B SOT-23
T408	046000000131	TRS POW BD135
T501	482213041782	BF422
T502	462213041782	BF422
T503	462213041782	BF422
T504	482213041782	BF422
T505	482213041646	BF423
T506	482213041782	BF422
T507	462213041646	BF423
T508	482213041782	BF422
T509	482213041646	BF423
T600	482213040855	BC337
T601	046848000001	TRS BC848B SOT-23
T602	046986294161	TRS 2SA720 & BC327 TO-92
T603	482213041053	BC639
T604	046000000141	TRS HOR OUT
T701	046848000001	TRS BC848B SOT-23
T702	046848000001	TRS BC848B SOT-23
T703	046848000001	TRS BC848B SOT-23
T710	046848000001	TRS BC848B SOT-23
U200	609330001211	TSOP34836
V100	611360011021	TRIMPOT 1K 0 1W 30% V-ADJ 5/5
W600	602300033071	TRF HRZ DRIVE PT92
X200	049030000461	CRYSTAL 4 000 MHZ HC49U
X300	049030000501	CRYSTAL 4 433619 MHZ HC49U
X301	049030000511	CRYSTAL 3 579545 MHZ HC49U

Table 10-4 21PT1820/12

Pos	12NC Code	Description
	002528554101	CABLE POW FLTLI7 5MM BLCSKT220
	002740010390	CABLE 5P*2SKT BRD/EH BLACK45CM
	013468061991	LOGO 21' TF PHILIPS
	029016010071	FERRIT RING UF T 31X7X19

Downloaded from www.Manualslib.com manuals search engine

Pos	12NC Code	Description
C113	042719901091	CAP ELECT 100MF450V20%SNP-INPH
C115	040067141061	CAP CER 100NF 50V 10% X7R 0603
C116	040043045661	CAP CER 56PF 50V 5% COG 0603
C117	042416503361	CAP ELECT 33MF 50V 20%
C119	040040172211	CAP CER 220PF 2KV 10% B
C120	620004133331	CAP MKP 33NF 630V 5% 15MM
C121	040040172211	CAP CER 220PF 2KV 10% B
C122	040040172211	CAP CER 220PF 2KV 10% B
C123	040040046621	CAP CER 680PF 2KV 5% 7.5MM
C124	042446502251	CAP ELECT 2.2MF 50V 20%
C125	040040202221	CAPCER2 2NF400VAC20%4KVSFTX1Y1
C126	040067141061	CAP CER 100NF 50V 10% X7R 0603
C127	042410252261	CAP ELECT 2200MF 25V 20%
C128	042440354771	CAP ELECT 470MF 35V 20%
C129	042410252281	CAP ELECT 2200MF 25V 20%
C130	040067141061	CAP CER 100NF 50V 10% X7R 0603
C131	040067141061	CAP CER 100NF 50V 10% X7R 0603
C132	040067141061	CAP CER 100NF 50V 10% X7R 0603
C133	040067141061	CAP CER 100NF 50V 10% X7R 0603
C134	040067141061	CAP CER 100NF 50V 10% X7R 0603
C135	040067141061	CAP CER 100NF 50V 10% X7R 0603
C137	042412161091	CAP ELECT 4700MF 16V 105C 20%
C138	042416502261	CAP ELECT 22MF 50V 20%
C139	532212611583	10NF 10% X7R 50V 0603 CER2
C140	040732041061	CAP CER 100PF 50V 5% COG 0603
C141	042416502261	CAP ELECT 22MF 50V 20%
C142	042419834601	CAP ELECT 47MF 160V 20%HIGH RC
C143	042448504761	CAP ELECT 47MF 50V 20%
C144	042140161071	CAP ELECT 100MF 16V 20%
C145	042416501051	CAP ELECT 1MF 50V 20%
C146	042446161061	CAP ELECT 10MF 16V 20%
C200	042414164761	CAP ELECT 47MF 16V 20%
C201	042417162271	CAP ELECT
C202	042446161061	CAP ELECT 10MF 16V 20%
C203	482212613193	4,7NF10% X7R 63V
C204	040067141061	CAP CER 100NF 50V 10% X7R 0603
C205	040067141061	CAP CER 100NF 50V 10% X7R 0603
C206	040067141061	CAP CER 100NF 50V 10% X7R 0603
C207	042140161071	CAP ELECT 100MF 16V 20%
C208	042446161061	CAP ELECT 10MF 16V 20%
C209	040031042261	CAP CER 22PF 50V 5% COG 0603
C210	040031042261	CAP CER 22PF 50V 5% COG 0603
C211	040031042261	CAP CER 22PF 50V 5% COG 0603

Pos	12NC Code	Description
C317	040067141061	CAP CER 100NF 50V 10% X7R 0603
C318	040067141061	CAP CER 100NF 50V 10% X7R 0603
C319	042414164761	CAP ELECT 47MF 16V 20%
C321	042414164761	CAP ELECT 47MF 16V 20%
C322	042446161061	CAP ELECT 10MF 16V 20%
C323	042446161061	CAP ELECT 10MF 16V 20%
C324	042446161061	CAP ELECT 10MF 16V 20%
C325	042446161061	CAP ELECT 10MF 16V 20%
C326	040732041061	CAP CER 100PF 50V 5% COG 0603
C327	040732041061	CAP CER 100PF 50V 5% COG 0603
C329	040732041061	CAP CER 100PF 50V 5% COG 0603
C332	042416501051	CAP ELECT 1MF 50V 20%
C333	042416501051	CAP ELECT 1MF 50V 20%
C334	042416501051	CAP ELECT 1MF 50V 20%
C335	042416501051	CAP ELECT 1MF 50V 20%
C336	042416501051	CAP ELECT 1MF 50V 20%
C337	042416501051	CAP ELECT 1MF 50V 20%
C339	040031042261	CAP CER 22PF 50V 5% COG 0603
C340	040031042261	CAP CER 22PF 50V 5% COG 0603
C341	462205130006	0R00 JUMPER
C342	462212614487	6,2PF 0,5% 60V 0603
C353	532212611583	10NF 10% X7R 50V 0603 CER2
C354	040742022261	CAP CER 22NF 50V 5% X7R 0603
C355	040742022261	CAP CER 22NF 50V 5% X7R 0603
C356	042416501051	CAP ELECT 1MF 50V 20%
C357	042416501051	CAP ELECT 1MF 50V 20%
C358	042416501051	CAP ELECT 1MF 50V 20%
C359	042416501051	CAP ELECT 1MF 50V 20%
C360	532212611576	1NF 10% X7R 50V 0603
C361	532212611576	1NF 10% X7R 50V 0603
C362	532212611576	1NF 10% X7R 50V 0603
C363	040052043381	CAP CER 330NF 50V20-80%Y5V0605
C364	042140161071	CAP ELECT 100MF 16V 20%
C365	042140161071	CAP ELECT 100MF 16V 20%
C366	042140161071	CAP ELECT 100MF 16V 20%
C367	042416502261	CAP ELECT 22MF 50V 20%
C368	040052044861	CAP CER 470PF 50V 5% COG 0603
C369	042446502251	CAP ELECT 2.2MF 50V 20%
C370	482212613193	4,7NF10% X7R 63V
C371	482212613193	4,7NF10% X7R 63V
C372	042446161061	CAP ELECT 10MF 16V 20%
C373	042194504751	CAP ELECT 4.7MF 50V 20%
C375	482212613883	220PF 5% 50V

Downloaded from www.Manualslib.com manuals search engine

Pos	12NC Code	Description
C609	620004001051	CAP MKT 10NF 50V
C610	040031042281	CAP CER 22PF 50V 5% COG 0603
C611	618014011161	CAP MKT 100NF 50V 5%
C612	618014011161	CAP MKT 100NF 50V 5%
C613	620013081041	CAP MKT 100NF 63V 5% 5MM
C614	040067141061	CAP CER 100NF 50V 10% X7R 0603
C615	040040042231	CAP CER 2 2NF 50V 10% B
C616	040030014031	CAP CER 10NF 50V 10% SH
C618	619323776821	CAPMKP 6 8NF 1 6KV 2 5%22 5/15
C620	042440861061	CAP ELECT 10MF 250V 20%
C621	040040046821	CAP CER 680PF 2KV 5% 7 5MM
C622	042033911011	CAP ELECT 3 3MF 250V
C623	620004026041	CAP MKP 280NF 250V 5% 15MM
C624	040050151011	CAP CER 100PF 1KVAC P7 5HT
C625	042416351081	CAP ELECT 1000MF 35V 20% RSS
C701	042416501051	CAP ELECT 1MF 50V 20%
C702	042416501051	CAP ELECT 1MF 50V 20%
C703	042414164761	CAP ELECT 47MF 16V 20%
C713	482212614241	CER1 0603 NPO 50V 330P COL R
C714	482212614241	CER1 0603 NPO 50V 330P COL R
C715	482212614241	CER1 0603 NPO 50V 330P COL R
C727	532212611578	1NF 10% X7R 50V 0603
C901	040032041001	CAP CER 10PF 50V 5% CH
C902	040032041001	CAP CER 10PF 50V 5% CH
C903	040237044711	CAP CER 220PF 50V 5% SL
C904	040237044711	CAP CER 220PF 50V 5% SL
C905	040237044711	CAP CER 220PF 50V 5% SL
C906	040237044711	CAP CER 220PF 50V 5% SL
C910	040237044711	CAP CER 220PF 50V 5% SL
C911	040237044711	CAP CER 220PF 50V 5% SL
C912	040237044711	CAP CER 220PF 50V 5% SL
C913	040237044711	CAP CER 220PF 50V 5% SL
C914	040237044711	CAP CER 220PF 50V 5% SL
D100	048321423201	DIODE RECT 1N4007 DO-41
D101	048321423201	DIODE RECT 1N4007 DO-41
D102	048321423201	DIODE RECT 1N4007 DO-41
D103	048321423201	DIODE RECT 1N4007 DO-41
D106	048110411111	DIODE LS4148 SOD80 QMELF
D107	048110411111	DIODE LS4148 SOD80 QMELF
D108	048110411111	DIODE LS4148 SOD80 QMELF
D109	048110411111	DIODE LS4148 SOD80 QMELF
D110	048110411111	DIODE LS4148 SOD80 QMELF
D111	482213041487	BYV95C

Pos	12NC Code	Description
D502	482213030842	BAV21
D503	482213030842	BAV21
D504	482213031983	BAT85
D505	482213034382	BZX79-B8V2
D506	048321423201	DIODE RECT 1N4007 DO-41
D600	048321423201	DIODE RECT 1N4007 DO-41
D601	482213041487	BYV95C
D602	482213041487	BYV95C
D603	482213041487	BYV95C
D604	482213041487	BYV95C
D605	482213041487	BYV95C
D606	048110411111	DIODE LS4148 SOD80 QMELF
D701	048110411111	DIODE LS4148 SOD80 QMELF
D702	048110411111	DIODE LS4148 SOD80 QMELF
D704	482213080884	BZV55-C5V1
F100	841600100070	COMP GRIPPERLI 2 5 AMP SIGORTA
F300	037730007801	FILTER SAW K3953M B/G L/L' VID
F301	037730007101	FILTER TRAP TRI 5 5/6 0/6 5MHZ
F302	037730007771	FILTER SAW K9453M B/GD/KL/L'AU
FBT1	804200000391	TRF FBT 90PT90A W/BLE 125VSFT
I100	045000003631	IC ICE1QS01
I101	045038362811	IC TCDT1101 OPTOCUPLER
I103	045238103051	IC LM317 1 5A ADJ V REG TO-220
I104	045238103081	IC LM7805 5V1A VOLT REG TO-220
I200	045000004131	IC ST92195C7B1
I201	045000004541	IC 24C16 EEPROM CSI
I300	045000002291	IC STV2248E PAL/NTSC/SECAMPROG
I402	045000003871	IC TDA7056B 5W MONO AMP
I600	045000001971	IC TDA1771 VERTICAL DEFLECTION
J106	482205130008	0R00 JUMPER
J201	482205130008	0R00 JUMPER
J303	482205130008	0R00 JUMPER
J305	482205130008	0R00 JUMPER
J308	482205130008	0R00 JUMPER
J421	482205130008	0R00 JUMPER
J422	482205130008	0R00 JUMPER
J423	482205130008	0R00 JUMPER
J702	482205130008	0R00 JUMPER
J703	482205130008	0R00 JUMPER
J704	482205130008	0R00 JUMPER
J930	482205130008	0R00 JUMPER
J932	482205130008	0R00 JUMPER
J933	482205130008	0R00 JUMPER

Downloaded from www.Manualslib.com manuals search engine

Pos	12NC Code	Description
L411	036070204111	FERRIT BEAD LI0805H151R-00 SMD
L412	036070204111	FERRIT BEAD LI0805H151R-00 SMD
L413	036070204111	FERRIT BEAD LI0805H151R-00 SMD
L600	608980004201	COIL LINEARITY 200UH PT190R
L601	608380002721	COIL CHOKE 56UH 15% 0.8A
L701	036070204111	FERRIT BEAD LI0805H151R-00 SMD
L703	036070204111	FERRIT BEAD LI0805H151R-00 SMD
L704	036070204111	FERRIT BEAD LI0805H151R-00 SMD
L709	608980000101	COIL 12UH 5% 0.15A AXIAL FIXED
L711	036070204111	FERRIT BEAD LI0805H151R-00 SMD
L715	036070204111	FERRIT BEAD LI0805H151R-00 SMD
L717	608000000021	COIL 10UH 5% 0.16A AXIAL FIXED
L718	608000000021	COIL 10UH 5% 0.16A AXIAL FIXED
L901	608760002411	COIL FILTER 3 5*9*0.8 F BEAD
L902	608000000021	COIL 10UH 5% 0.16A AXIAL FIXED
L903	608000000021	COIL 10UH 5% 0.16A AXIAL FIXED
L903	608760002411	COIL FILTER 3 5*9*0.8 F BEAD
L904	608760002411	COIL FILTER 3 5*9*0.8 F BEAD
L906	608080000331	COIL 33UH 0.16A 5% AX FIXED
P100	061000000141	SWITCH POWERALPS SDKVA30100SFT
P101	034710304011	SINCERA PTC 18R 30%2P 10MM SFT
Q100	046848000001	TRS BC848B SOT-23
R100	032040555211	RESS W W 5.6R 5W 10%VERCM SFTY
R102	482205130183	18K00 5% 0,062W
R103	030010611231	RES M F 1M 1/4W 2% VOLT PROOF
R104	482205130008	0R00 JUMPER
R105	482205130472	4K70 5% 0,062W
R107	030010611241	RES H VOLT PRF 1.2M 1/4W2% SFT
R108	030010639461	RESISTOR C F 390K 1/10W5% 0603
R109	482205130479	47R00 5% 0,062W
R110	030025815001	RESISTOR FUSIBLE 15R 1/4W
R111	482205130103	10K00 5% 0,062W
R112	482211712925	47K 1% 0.063W 0603
R114	482205130101	100R00 5% 0,062W
R115	032040833521	RESISTOR W W 33K 5W 15MM
R116	482205130759	75R00 5% 0,062W
R117	482205130221	220R00 5% 0,062W
R118	482205130393	39K00 5% 0,062W
R120	030050833611	RESISTOR MGL 3 3M1/2W5%SFTVR37
R121	030020633331	RESISTOR C F 33K 1/4W 5%
R122	030020633331	RESISTOR C F 33K 1/4W 5%
R123	030020633331	RESISTOR C F 33K 1/4W 5%
R124	067310001651	FUSE 5A 32V 0603

Pos	12NC Code	Description
R214	482205130472	4K70 5% 0,062W
R215	482205130472	4K70 5% 0,062W
R216	482205130472	4K70 5% 0,062W
R217	482205130561	560R00 5% 0.062W
R218	482205130561	560R00 5% 0.062W
R219	482205130561	560R00 5% 0.062W
R220	482205130561	560R00 5% 0.062W
R221	482205130102	1K00 5% 0,062W
R222	482205130103	10K00 5% 0,062W
R223	482205130103	10K00 5% 0,062W
R224	482205130103	10K00 5% 0,062W
R225	482205130103	10K00 5% 0,062W
R226	482205130223	22K00 5% 0,062W
R227	482205130562	5K6 5% 0,063W 0603 RC21 RST SM
R228	482205130562	5K6 5% 0,063W 0603 RC21 RST SM
R229	482205130153	15K00 5% 0,062W
R230	482205130222	2K20 5% 0,062W
R231	482205130221	220R00 5% 0.062W
R232	482205130008	0R00 JUMPER
R233	030010682161	RESISTOR C F 620R 1/10W5% 0603
R234	482205130471	470R00 5% 0,062W
R235	482205130008	0R00 JUMPER
R236	482211712925	47K 1% 0.063W 0603
R237	482211712925	47K 1% 0.063W 0603
R238	482205130561	560R00 5% 0.062W
R239	482205130152	1K50 5% 0,062W
R240	482205130183	18K00 5% 0,062W
R241	482205130101	100R00 5% 0.062W
R242	482205130101	100R00 5% 0.062W
R243	482205130472	4K70 5% 0,062W
R244	482205130472	4K70 5% 0,062W
R245	482205130103	10K00 5% 0,062W
R246	482205130103	10K00 5% 0,062W
R247	482205130562	5K6 5% 0,063W 0603 RC21 RST SM
R300	482205130472	4K70 5% 0,062W
R308	030010639461	RESISTOR C F 390K 1/10W5% 0603
R311	482205130331	330R00 5% 0.062W
R312	482205130102	1K00 5% 0,062W
R313	030010612261	RESISTOR C F 1.2K 1/10W5% 0603
R314	030140610201	RESISTOR C F 1K 1/6W 5%
R315	482205130102	1K00 5% 0,062W
R316	482205130102	1K00 5% 0,062W
R317	482205130102	1K00 5% 0,062W

Downloaded from www.Manualslib.com manuals search engine

Pos	12NC Code	Description
R370	482205130222	2K20 5% 0,062W
R371	482205130153	15K00 5% 0,062W
R372	030010682261	RESISTOR C F 6 2K 1/10W5% 0603
R373	482205130222	2K20 5% 0,062W
R374	482205130563	56K00 5% 0,062W
R375	030140627111	RESISTOR C F 270R 1/6W 5%
R376	030140627111	RESISTOR C F 270R 1/6W 5%
R377	030140627111	RESISTOR C F 270R 1/6W 5%
R378	482211712925	47K 1% 0 063W 0603
R379	482205130562	5K6 5% 0,063W 0603 RC21 RST SM
R403	482205130101	100R00 5% 0,062W
R411	482211713632	100K 1% 0603 0 62W
R412	482205130223	22K00 5% 0,062W
R413	030010683061	RESISTOR C F 2K 1/10W5% 0603
R414	030010683061	RESISTOR C F 2K 1/10W5% 0603
R415	030010612261	RESISTOR C F 1 2K 1/10W5% 0603
R416	482205130008	0R00 JUMPER
R416	532211713042	3K9 1% 0 063W 0603 RC22H
R416	482205130472	4K70 5% 0 062W
R419	482205130472	4K70 5% 0.062W
R421	482205130102	1K00 5% 0.062W
R422	482205130102	1K00 5% 0.062W
R424	232270261828	RST SM 0603 RC21 6R2 PM5 R
R427	030020601221	RESISTOR M.O 1K 1W 5%
R435	030010627261	RESISTOR C F 2 7K 1/10W5% 0603
R436	030010627261	RESISTOR C F 2 7K 1/10W5% 0603
R437	482205130183	18K00 5% 0,062W
R439	482205130331	330R00 5% 0,062W
R441	482205130759	75R00 5% 0,062W
R447	030055722611	RESISTOR FUSIBLE 0 22R 1/2W 5%
R452	482205130393	39K00 5% 0,062W
R453	482205130222	2K20 5% 0,062W
R454	482205130332	3K30 5% 0,062W
R501	030010682161	RESISTOR C F 620R 1/10W5% 0603
R502	030010682161	RESISTOR C F 620R 1/10W5% 0603
R503	030010682161	RESISTOR C F 620R 1/10W5% 0603
R504	482205130471	470R00 5% 0.062W
R505	482205130109	10R00 5% 0,062W
R506	482205130471	470R00 5% 0.062W
R507	482205130109	10R00 5% 0,062W
R508	482205130471	470R00 5% 0,062W
R509	482205130109	10R00 5% 0,062W
R510	030020627311	RESISTOR M.O 27K 2W 5%

Pos	12NC Code	Description
R616	030050610211	RESISTOR C F 1K 1/2W 5%
R617	030010624261	RESISTOR C F 2 4K 1/10W5% 0603
R618	482205130332	3K30 5% 0,062W
R619	030010612261	RESISTOR C F 1 2K 1/10W5% 0603
R620	030010612161	RESISTOR C F 120R 1/10W5% 0603
R621	030025601011	RESISTOR FUSIBLE 1R 1/4W 5%
R622	030025610011	RESISTOR FUSIBLE 10R 1/4W 5%
R623	030055722611	RESISTOR FUSIBLE 0 22R 1/2W 5%
R624	030020675011	RESISTOR C F 75R 1/4W 5%
R625	482211712925	47K 1% 0 063W 0603
R626	482211712925	47K 1% 0 063W 0603
R627	030020656131	RESISTOR C F 560R 1/4W 5%
R629	030050639311	RESISTOR C F 39R 1/4W
R630	030100622901	RESISTOR FUSIBLE 2.2R 1W 5%
R632	030135747901	RESISTOR FUSIBLE4 7R10%NMA0207
R633	030010656241	RESISTOR FUSIBLE 5 6K 3W 5%
R634	030020610511	RESISTOR C F 1M 1/4W 5%
R635	030011610361	RESISTOR C F 1M 1/10W 0603
R636	030010150661	RESISTOR C F 1 5M 1/10W5% 0603
R637	030010150661	RESISTOR C F 1 5M 1/10W5% 0603
R638	030010675461	RESISTOR C F 750K 1/10W5% 0603
R639	030020620211	RESISTOR C F 2K 1/4W 5%
R640	030020620211	RESISTOR C F 2K 1/4W 5%
R641	482205130223	22K00 5% 0,062W
R701	482205130332	3K30 5% 0,062W
R702	482205130103	10K00 5% 0,062W
R703	532211713042	3K9 1% 0 063W 0603 RC22H
R704	532211713042	3K9 1% 0 063W 0603 RC22H
R708	482205130103	10K00 5% 0,062W
R711	030010662261	RESISTOR C F 6 2K 1/10W5% 0603
R712	482205130332	3K30 5% 0,062W
R713	030010662261	RESISTOR C F 6 2K 1/10W5% 0603
R717	030010622261	RESISTOR C F 22R 1/10W5% 0603
R719	482205130006	0R00 JUMPER
R720	482205130759	75R00 5% 0,062W
R723	482205130759	75R00 5% 0,062W
R724	482205130759	75R00 5% 0,062W
R725	482205130759	75R00 5% 0,062W
R726	482205130759	75R00 5% 0,062W
R727	030010615161	RESISTOR C F 150R 1/10W5% 0603
R729	030010622261	RESISTOR C F 22R 1/10W5% 0603
R730	482205130101	100R00 5% 0,062W
R731	482205130101	100R00 5% 0,062W

Downloaded from www.ManualsLib.com manuals search engine

Pos	12NC Code	Description
T101	046933000151	TRS STP10NK60ZFP
T102	482213040959	BC547B
T104	046848000001	TRS BC848B SOT-23
T105	046848000001	TRS BC848B SOT-23
T106	046848000001	TRS BC848B SOT-23
T107	046000000131	TRS POW BD135
T200	046858000001	TRS BC858 BP
T201	046848000001	TRS BC848B SOT-23
T202	046848000001	TRS BC848B SOT-23
T303	046848000001	TRS BC848B SOT-23
T304	046848000001	TRS BC848B SOT-23
T305	046848000001	TRS BC848B SOT-23
T306	046848000001	TRS BC848B SOT-23
T307	616800021121	TUNER CTF5540 THOMSON
T401	046848000001	TRS BC848B SOT-23
T402	046848000001	TRS BC848B SOT-23
T405	046848480121	TRS BC847B SOT-23
T406	046848480121	TRS BC847B SOT-23
T409	046848000001	TRS BC848B SOT-23
T501	482213041782	BF422
T502	482213041782	BF422
T503	482213041782	BF422
T504	482213041782	BF422
T505	482213041646	BF423
T506	482213041782	BF422
T507	482213041646	BF423
T508	482213041782	BF422
T509	482213041646	BF423
T600	482213040855	BC337
T601	046848000001	TRS BC848B SOT-23
T602	046986294161	TRS.2SA720 & BC327 TO-92
T603	482213041053	BC639
T604	046933000171	TRS HOR.OUT ST1803DHI
T701	046848000001	TRS BC848B SOT-23
T702	046848000001	TRS BC848B SOT-23
T703	046848000001	TRS BC848B SOT-23
T710	046848000001	TRS BC848B SOT-23
U200	609330001251	PREAMPLIFIER TSOP2236
V101	611360012031	TRIMPOT 20K 0 1W 30% V-ADJ 5/5
W600	602300033071	TRF HRZ DRIVE PT92
X200	049030000461	CRYSTAL 4 000 MHZ HC49U
X300	049030000501	CRYSTAL 4 433619 MHZ HC49U
X301	049030000511	CRYSTAL 3.579545 MHZ HC49U

Pos	12NC Code	Description
C104	620004062241	CAP MKT220NF275VAC20%RFIX2 SFT
C105	620004062241	CAP MKT220NF275VAC20%RFIX2 SFT
C107	040052044861	CAP CER 470PF 50V 5% COG 0603
C108	040742041061	CAP CER 10PF 50V 5% COG 0603
C109	996500034404	CAP CER 3 3NF 50V 10% X7R 0603
C110	040067041371	CAP CER 1NF 400V%20ACX1Y1SFTY
C113	042719901091	CAP ELECT 100MF450V20%SNP-INPH
C115	040067141061	CAP CER 100NF 50V 10% X7R 0603
C116	040043045661	CAP CER 56PF 50V 5% COG 0603
C117	042416503361	CAP ELECT 33MF 50V 20%
C119	040040172211	CAP CER 220PF 2KV 10% B
C120	620004133331	CAP MKP 33NF 630V 5% 15MM
C121	040040172211	CAP CER 220PF 2KV 10% B
C122	040040172211	CAP CER 220PF 2KV 10% B
C123	040040046821	CAP CER 680PF 2KV 5% 7 5MM
C124	042446502251	CAP ELECT 2 2MF 50V 20%
C125	040040202221	CAPCER2.2NF400VAC20%4KVSFTX1Y1
C126	040067141061	CAP CER 100NF 50V 10% X7R 0603
C127	042410252281	CAP ELECT 2200MF 25V 20%
C128	042440354771	CAP ELECT 470MF 35V 20%
C129	042410252281	CAP ELECT 2200MF 25V 20%
C130	040067141061	CAP CER 100NF 50V 10% X7R 0603
C131	040067141061	CAP CER 100NF 50V 10% X7R 0603
C132	040067141061	CAP CER 100NF 50V 10% X7R 0603
C133	040067141061	CAP CER 100NF 50V 10% X7R 0603
C134	040067141061	CAP CER 100NF 50V 10% X7R 0603
C135	040067141061	CAP CER 100NF 50V 10% X7R 0603
C137	042412161091	CAP ELECT 4700MF 16V 105C 20%
C138	042416502261	CAP ELECT 22MF 50V 20%
C139	532212611583	10NF 10% X7R 50V 0603 CER2
C140	040732041061	CAP CER 100PF 50V 5% COG 0603
C141	042416502261	CAP ELECT 22MF 50V 20%
C142	042419834801	CAP ELECT 47MF 160V 20%HIGH RC
C143	042448504761	CAP ELECT 47MF 50V 20%
C144	042140161071	CAP ELECT 100MF 16V 20%
C145	042416501051	CAP ELECT 1MF 50V 20%
C146	042446161061	CAP ELECT 10MF 16V 20%
C200	042414164761	CAP ELECT 47MF 16V 20%
C201	042417162271	CAP ELECT
C202	042446161061	CAP ELECT 10MF 16V 20%
C203	482212613193	4,7NF10% X7R 63V
C204	040067141061	CAP CER 100NF 50V 10% X7R 0603
C205	040067141061	CAP CER 100NF 50V 10% X7R 0603

Downloaded from www.Manualslib.com manuals search engine

Pos	12NC Code	Description
C310	040067141061	CAP CER 100NF 50V 10% X7R 0603
C311	040067141061	CAP CER 100NF 50V 10% X7R 0603
C313	040067141061	CAP CER 100NF 50V 10% X7R 0603
C314	040067141061	CAP CER 100NF 50V 10% X7R 0603
C315	620013061041	CAP MKT 100NF 63V 5% 5MM
C316	040067141061	CAP CER 100NF 50V 10% X7R 0603
C317	040067141061	CAP CER 100NF 50V 10% X7R 0603
C316	040067141061	CAP CER 100NF 50V 10% X7R 0603
C319	042414164761	CAP ELECT 47MF 16V 20%
C321	042414164761	CAP ELECT 47MF 16V 20%
C322	042446161061	CAP ELECT 10MF 16V 20%
C324	042446161061	CAP ELECT 10MF 16V 20%
C326	040732041061	CAP CER 100PF 50V 5% COG 0603
C327	040732041061	CAP CER 100PF 50V 5% COG 0603
C326	040732041061	CAP CER 100PF 50V 5% COG 0603
C329	040732041061	CAP CER 100PF 50V 5% COG 0603
C332	042416501051	CAP ELECT 1MF 50V 20%
C333	042416501051	CAP ELECT 1MF 50V 20%
C334	042416501051	CAP ELECT 1MF 50V 20%
C335	042416501051	CAP ELECT 1MF 50V 20%
C336	042416501051	CAP ELECT 1MF 50V 20%
C337	042416501051	CAP ELECT 1MF 50V 20%
C339	040031042261	CAP CER 22PF 50V 5% COG 0603
C340	040031042261	CAP CER 22PF 50V 5% COG 0603
C341	482205130006	0R00 JUMPER
C342	482212614487	6,2PF 0,5% 50V 0603
C353	532212611583	10NF 10% X7R 50V 0603 CER2
C354	040742022261	CAP CER 22NF 50V 5% X7R 0603
C355	040742022261	CAP CER 22NF 50V 5% X7R 0603
C356	042416501051	CAP ELECT 1MF 50V 20%
C357	042416501051	CAP ELECT 1MF 50V 20%
C358	042416501051	CAP ELECT 1MF 50V 20%
C359	042416501051	CAP ELECT 1MF 50V 20%
C360	532212611576	1NF 10% X7R 50V 0603
C361	532212611578	1NF 10% X7R 50V 0603
C362	532212611578	1NF 10% X7R 50V 0603
C363	040052043381	CAP CER 330NF 50V20-80%Y5V0805
C364	042140161071	CAP ELECT 100MF 16V 20%
C365	042140161071	CAP ELECT 100MF 16V 20%
C366	042140161071	CAP ELECT 100MF 16V 20%
C368	040052044661	CAP CER 470PF 50V 5% COG 0603
C369	042446502251	CAP ELECT 2 2MF 50V 20%
C370	482212613193	4.7NF10% X7R 63V

Pos	12NC Code	Description
C426	040052043381	CAP CER 330NF 50V20-80%Y5V0805
C429	040052043381	CAP CER 330NF 50V20-80%Y5V0805
C430	040052043381	CAP CER 330NF 50V20-80%Y5V0805
C431	040732041061	CAP CER 100PF 50V 5% COG 0603
C432	040732041061	CAP CER 100PF 50V 5% COG 0603
C433	040732041061	CAP CER 100PF 50V 5% COG 0603
C434	040732041061	CAP CER 100PF 50V 5% COG 0603
C435	040732041061	CAP CER 100PF 50V 5% COG 0603
C436	040732041061	CAP CER 100PF 50V 5% COG 0603
C437	042033901011	CAP ELECT 3 3MF 50V 20%
C438	042033901011	CAP ELECT 3 3MF 50V 20%
C439	042140161071	CAP ELECT 100MF 16V 20%
C441	042416501051	CAP ELECT 1MF 50V 20%
C442	042416501051	CAP ELECT 1MF 50V 20%
C446	042410252261	CAP ELECT 2200MF 25V 20%
C447	040732041061	CAP CER 100PF 50V 5% COG 0603
C448	040732041061	CAP CER 100PF 50V 5% COG 0603
C449	042194504751	CAP ELECT 4 7MF 50V 20%
C450	042194504751	CAP ELECT 4 7MF 50V 20%
C451	532212611583	10NF 10% X7R 50V 0603 CER2
C452	532212611583	10NF 10% X7R 50V 0603 CER2
C466	042416502261	CAP ELECT 22MF 50V 20%
C467	042416502261	CAP ELECT 22MF 50V 20%
C468	042416502261	CAP ELECT 22MF 50V 20%
C469	042416502261	CAP ELECT 22MF 50V 20%
C501	482212614241	CER1 0603 NPO 50V 330P COL R
C502	482212614241	CER1 0603 NPO 50V 330P COL R
C503	482212614241	CER1 0603 NPO 50V 330P COL R
C505	042446862251	CAP ELECT 2 2MF 250V 20%
C507	040031042261	CAP CER 22PF 50V 5% COG 0603
C508	620003134731	CAP MKT 47NF 630V 5% 10/15MM
C516	040040171021	CAP CER 1NF 2KV 10% BN
C600	996500012523	0 22 UF 50V 20%
C601	620004072241	CAP MKT 220NF 63V 10% 5MM
C602	620004014731	CAP MKT 47NF 100V 10% 5MM
C603	042446351071	CAP ELECT 100MF 35V 20%
C604	042416502261	CAP ELECT 22MF 50V 20%
C605	042416160001	CAP ELECT 22MF 160V 20%
C606	042414351081	CAP ELECT 2200MF 35V 20%
C607	042414254761	CAP ELECT 47MF 25V 20%
C609	620004001051	CAP MKT 10NF 50V
C610	040031042261	CAP CER 22PF 50V 5% COG 0603
C611	618014011161	CAP MKT 100NF 50V 5%

Downloaded from www.Manualslib.com manuals search engine

Pos	12NC Code	Description
D106	048110411111	DIODE LS4148 SOD80 QMELF
D107	048110411111	DIODE LS4148 SOD80 QMELF
D108	048110411111	DIODE LS4148 SOD80 QMELF
D109	048110411111	DIODE LS4148 SOD80 QMELF
D110	048110411111	DIODE LS4148 SOD80 QMELF
D111	482213041487	BYV95C
D112	482213041602	BYW95C
D113	482213041487	BYV95C
D114	482213041487	BYV95C
D115	048100000071	DIODE ZNR BZX79-B/C18SOD27 18V
D116	048327026001	DIODE RECT BYW76 SOD-64
D117	482213041602	BYW95C
D118	048110411111	DIODE LS4148 SOD80 QMELF
D120	048540146001	DIODE ZNR BZX79-C5V6
D121	319801053380	DIO REG BZX79-B3V3 A COL A
D122	482213030959	ZTK33B
D200	048773809001	DIODE LED KLR114L RED 5MM
D201	048100000041	DIODE ZNR 2V7 BZX55C DO-35
D202	048110411111	DIODE LS4148 SOD80 QMELF
D203	048110411111	DIODE LS4148 SOD80 QMELF
D204	482213031983	BAT85
D300	048110411111	DIODE LS4148 SOD80 QMELF
D303	482213031983	BAT85
D304	048110411111	DIODE LS4148 SOD80 QMELF
D305	048110411111	DIODE LS4148 SOD80 QMELF
D306	048110411111	DIODE LS4148 SOD80 QMELF
D307	048110411111	DIODE LS4148 SOD80 QMELF
D311	048544926101	DIODE ZNR 7V5 ZPD DO-35
D312	482213080884	BZV55-C5V1
D313	482213080884	BZV55-C5V1
D314	482213080884	BZV55-C5V1
D315	482213080884	BZV55-C5V1
D316	048322107001	DIODE GP BA282&BA482 DO35/DO34
D317	048322107001	DIODE GP BA282&BA482 DO35/DO34
D401	048110411111	DIODE LS4148 SOD80 QMELF
D402	048110411111	DIODE LS4148 SOD80 QMELF
D501	482213030842	BAV21
D502	482213030842	BAV21
D503	482213030842	BAV21
D504	482213031983	BAT85
D505	482213034382	BZX79-B8V2
D506	048321423201	DIODE RECT 1N4007 DO-41
D600	048321423201	DIODE RECT 1N4007 DO-41

Pos	12NC Code	Description
J934	040742022261	CAP CER 22NF 50V 5% X7R 0603
K401	841140010059	COMP CABLE 5P*2SKT45CMBRDEHFE
K901	075030211091	CONN 5P VRT EH MN
K903	075012880491	SOCKET CHINCH TRIPLE Y/W/R
K905	002740000300	CABLE 4PX1SK D A24 SP25 65CMEH
K905	075030211081	CONN 4P VRT EH
K906	075016420221	SOCKET HEADPHONE 7PINSTRPHILIP
K907	075030211501	CONN 5P VRT BLACK EH MN
KFAV	841121021110	COMP SIDE AV 21PTXXXX
L102	608760002411	COIL FILTER 3 5*9*0 8 F BEAD
L103	608980003151	LINE FILTER 2*27MH1 5APT92SFTY
L104	602190001051	TRF SMPS 21TF PT19 PH 125V SFT
L105	608760002411	COIL FILTER 3 5*9*0 8 F BEAD
L108	032040555211	RESS W/W 5 6R 5W 10%VERCM SFTY
L109	608000000221	COIL 10UH 5% 0 41A AXIAL FIXED
L110	608000000221	COIL 10UH 5% 0 41A AXIAL FIXED
L301	608760002411	COIL FILTER 3 5*9*0 8 F BEAD
L302	036070204111	FERRIT BEAD LI0805H151R-00 SMD
L303	036070204111	FERRIT BEAD LI0805H151R-00 SMD
L304	036070204111	FERRIT BEAD LI0805H151R-00 SMD
L305	036070204111	FERRIT BEAD LI0805H151R-00 SMD
L306	608980000101	COIL 12UH 5% 0 15A AXIAL FIXED
L314	608000000021	COIL 10UH 5% 0 16A AXIAL FIXED
L317	608980000111	COIL 1UH 5% 0 27A AXIAL FIXED
L318	608980000121	COIL 4 7UH 5% AXIAL FIX
L319	608080001141	COIL 4 7UH 10% 0 82A AXL FIX B
L320	608080001141	COIL 4 7UH 10% 0 82A AXL FIX B
L321	608080001141	COIL 4 7UH 10% 0 82A AXL FIX B
L322	608080001141	COIL 4 7UH 10% 0 82A AXL FIX B
L323	608000000221	COIL 10UH 5% 0 41A AXIAL FIXED
L324	608280001981	COIL VARIABLE 44MHZ 39PF
L411	036070204111	FERRIT BEAD LI0805H151R-00 SMD
L412	036070204111	FERRIT BEAD LI0805H151R-00 SMD
L413	036070204111	FERRIT BEAD LI0805H151R-00 SMD
L600	608980004201	COIL LINEARITY 200UH PT190R
L601	608380002721	COIL CHOKE 56UH 15% 0 8A
L701	036070204111	FERRIT BEAD LI0805H151R-00 SMD
L703	036070204111	FERRIT BEAD LI0805H151R-00 SMD
L704	036070204111	FERRIT BEAD LI0805H151R-00 SMD
L707	608980000101	COIL 12UH 5% 0 15A AXIAL FIXED
L709	608980000101	COIL 12UH 5% 0 15A AXIAL FIXED
L711	036070204111	FERRIT BEAD LI0805H151R-00 SMD
L715	036070204111	FERRIT BEAD LI0805H151R-00 SMD

Downloaded from www.Manualslib.com manuals search engine

Pos	12NC Code	Description
R126	482205130223	22K00 5% 0,062W
R127	030020622331	RESISTOR C F 22K 1/4W 5%
R128	030010682161	RESISTOR C F 620R 1/10W5% 0603
R129	482205130102	1K00 5% 0,062W
R130	482205130184	180K00 5% 0,062W
R131	030010627261	RESISTOR C F 2 7K 1/10W5% 0603
R135	482205130472	4K70 5% 0,062W
R136	482205130006	0R00 JUMPER
R137	482205130471	470R00 5% 0,062W
R138	482205130006	0R00 JUMPER
R139	482211712903	1K6 1% 0 063W 0603
R140	030106120311	RESISTOR M F 120K 1/4W 2%
R141	482205130331	330R00 5% 0 062W
R143	030050633611	RESISTOR MGL 3 3M1/2W5%SFTVR37
R145	030050622121	RES HGVLT SURG220R1/2W 10%LSR37
R146	048000000531	DIODE DIA SURGE PROTEC DSP301N
R200	482205130221	220R00 5% 0,062W
R201	482205130221	220R00 5% 0 062W
R202	482205130221	220R00 5% 0 062W
R203	482205130221	220R00 5% 0,062W
R204	482205130221	220R00 5% 0,062W
R205	482205130006	0R00 JUMPER
R206	482205130152	1K50 5% 0,062W
R207	482205130472	4K70 5% 0 062W
R208	482205130472	4K70 5% 0 062W
R209	030011656261	RESISTOR C F 5 1K 1/10W 0603
R210	482205130472	4K70 5% 0,062W
R211	482205130472	4K70 5% 0,062W
R212	482205130472	4K70 5% 0,062W
R213	482205130472	4K70 5% 0,062W
R214	482205130472	4K70 5% 0,062W
R215	482205130472	4K70 5% 0,062W
R216	482205130472	4K70 5% 0,062W
R217	482205130561	560R00 5% 0 062W
R218	482205130561	560R00 5% 0,062W
R219	482205130561	560R00 5% 0,062W
R220	482205130561	560R00 5% 0 062W
R221	482205130102	1K00 5% 0,062W
R222	482205130103	10K00 5% 0,062W
R223	482205130103	10K00 5% 0,062W
R224	482205130103	10K00 5% 0,062W
R225	482205130103	10K00 5% 0,062W
R226	482205130223	22K00 5% 0,062W

Pos	12NC Code	Description
R329	482205130273	27K00 5% 0 062W
R330	482205130273	27K00 5% 0,062W
R331	482205130101	100R00 5% 0,062W
R332	482205130101	100R00 5% 0,062W
R337	482211712925	47K 1% 0 063W 0603
R338	482205130101	100R00 5% 0,062W
R339	482205130101	100R00 5% 0,062W
R340	482205130101	100R00 5% 0,062W
R348	482205130223	22K00 5% 0,062W
R349	482205130102	1K00 5% 0,062W
R350	482205130223	22K00 5% 0,062W
R353	482205130471	470R00 5% 0,062W
R356	482205130103	10K00 5% 0,062W
R358	482205130681	680R00 5% 0,062W
R362	030010615161	RESISTOR C F 150R 1/10W5% 0603
R363	482205130759	75R00 5% 0,062W
R364	482205130334	330K00 5% 0,062W
R365	482205130334	330K00 5% 0,062W
R366	482205130334	330K00 5% 0,062W
R367	482205130682	6K80 5% 0,062W
R368	482205130683	68K00 5% 0,062W
R369	482205130222	2K20 5% 0 062W
R370	482205130222	2K20 5% 0,062W
R371	482205130153	15K00 5% 0,062W
R372	030010682261	RESISTOR C F 6 2K 1/10W5% 0603
R373	482205130222	2K20 5% 0,062W
R374	482205130563	56K00 5% 0,062W
R375	030140627111	RESISTOR C F 270R 1/6W 5%
R376	030140627111	RESISTOR C F 270R 1/6W 5%
R377	030140627111	RESISTOR C F 270R 1/6W 5%
R378	482211712925	47K 1% 0 063W 0603
R379	482205130562	5K6 5% 0,063W 0603 RC21 RST SM
R401	482205130101	100R00 5% 0,062W
R402	482205130101	100R00 5% 0,062W
R404	030025601011	RESISTOR FUSIBLE 1R 1/4W 5%
R405	482205130759	75R00 5% 0,062W
R406	482205130221	220R00 5% 0,062W
R407	030055722811	RESISTOR FUSIBLE 0 22R 1/2W 5%
R408	030010663461	RESISTOR C F 2 2R 1/10W5% 0603
R409	482211712925	47K 1% 0 063W 0603
R411	482211713632	100K 1% 0603 0 62W
R412	482205130223	22K00 5% 0,062W
R413	030010663061	RESISTOR C F 2K 1/10W5% 0603

Downloaded from www.Manualslib.com manuals search engine

Pos	12NC Code	Description
R522	030050715221	RES C COMP 1 5K 1/2W
R525	030010600081	RESISTOR C F 0R 1/8W 5% 0805
R527	030010600081	RESISTOR C F 0R 1/8W 5% 0805
R529	030010600081	RESISTOR C F 0R 1/8W 5% 0805
R530	030050715221	RES C COMP 1 5K 1/2W
R533	030025601021	RESISTOR FUSIBLE 2 7R 1W %2
R600	482205130101	100R00 5% 0,062W
R601	030020610131	RESISTOR C F 100R 1/4W 5%
R602	030010615461	RESISTOR C F 150K 1/10W5% 0603
R603	482205130184	180K00 5% 0,062W
R604	482205130332	3K30 5% 0,062W
R605	482205130103	10K00 5% 0,062W
R606	482205130103	10K00 5% 0,062W
R607	030010683461	RESISTOR C F 2 2R 1/10W5% 0603
R608	030020633331	RESISTOR C F 33K 1/4W 5%
R609	030050622111	RESISTOR C F 220R 1/2W 5%
R610	030050622111	RESISTOR C F 220R 1/2W 5%
R613	482205130152	1K50 5% 0,062W
R614	030010882261	RESISTOR C F 8 2K 1/10W5% 0603
R615	482205130102	1K00 5% 0,062W
R616	030050610211	RESISTOR C F 1K 1/2W 5%
R617	030010624261	RESISTOR C F 2 4K 1/10W5% 0603
R618	482205130332	3K30 5% 0,062W
R619	030010612261	RESISTOR C F 1 2K 1/10W5% 0603
R620	030010612181	RESISTOR C F 120R 1/10W5% 0603
R621	030025601011	RESISTOR FUSIBLE 1R 1/4W 5%
R622	030025610011	RESISTOR FUSIBLE 10R 1/4W 5%
R623	030055722811	RESISTOR FUSIBLE 0 22R 1/2W 5%
R624	030020675011	RESISTOR C F 75R 1/4W 5%
R625	482211712925	47K 1% 0 063W 0603
R626	482211712925	47K 1% 0 063W 0603
R627	030020656131	RESISTOR C F 560R 1/4W 5%
R629	030050639311	RESISTOR C F 39R 1/4W
R630	030100622901	RESISTOR FUSIBLE 2 2R 1W 5%
R632	030135747901	RESISTOR FUSIBLE4 7R10%NMA0207
R633	030010656241	RESISTOR FUSIBLE 5 6K 3W 5%
R634	030020610511	RESISTOR C F 1M 1/4W 5%
R635	030011810361	RESISTOR C F 1M 1/10W 0603
R636	030010150661	RESISTOR C F 1 5M 1/10W5% 0603
R637	030010150661	RESISTOR C F 1 5M 1/10W5% 0603
R638	030010675461	RESISTOR C F 750K 1/10W5% 0603
R639	030020620211	RESISTOR C F 2K 1/4W 5%
R640	030020620211	RESISTOR C F 2K 1/4W 5%

Pos	12NC Code	Description
S506	075020800031	SOCKET CRTNARROW NECK29MM SFTY
S507	002020511160	CBLE DBLE TERM BLACK(SYH)30CM
S600	002344350250	CABLE VERTICAL BASKILI 45CM
S600	075030211001	CONN 2P VRT W/LOCK 5MM
S601	002022000140	CABLE 4P(3P)*2SKT BRD-IN45CMMN
S602	002027232280	CABLE HRZ BASKILI 42CM 7 5MM
S602	075100211781	CONN 2P K PIM 7 5MM DEGAUSS
S701	075040210051	SOCKET SCART 27'/26'/32'COMMON
T101	046933000151	TRS STP10NK80ZFP
T102	482213040959	BC547B
T104	046848000001	TRS BC848B SOT-23
T105	046848000001	TRS BC848B SOT-23
T106	046848000001	TRS BC848B SOT-23
T107	046000000131	TRS POW BD135
T200	046858000001	TRS BC858 BP
T201	046848000001	TRS BC848B SOT-23
T202	046848000001	TRS BC848B SOT-23
T304	046848000001	TRS BC848B SOT-23
T305	046848000001	TRS BC848B SOT-23
T306	046848000001	TRS BC848B SOT-23
T307	616800021121	TUNER CTF5540 THOMSON
T401	046848000001	TRS BC848B SOT-23
T402	046848000001	TRS BC848B SOT-23
T501	482213041782	BF422
T502	482213041782	BF422
T503	482213041782	BF422
T504	482213041782	BF422
T505	482213041646	BF423
T506	482213041782	BF422
T507	482213041646	BF423
T508	482213041782	BF422
T509	482213041646	BF423
T600	482213040855	BC337
T601	046848000001	TRS BC848B SOT-23
T602	046986294181	TRS 2SA720 & BC327 TO-92
T603	482213041053	BC639
T604	046933000171	TRS HOR OUT ST1803DHI
T703	046848000001	TRS BC848B SOT-23
U200	609330001251	PREAMPLIFIER TSOP2236
V101	611380012031	TRIMPOT 20K 0 1W 30% V-ADJ 5/5
W600	602300033071	TRF HRZ.DRIVE PT92
X200	049030000461	CRYSTAL 4 000 MHZ HC49U
X300	049030000501	CRYSTAL 4 433619 MHZ HC49U

Downloaded from www.Manualslib.com manuals search engine

Pos	12NC Code	Description
3501	030050633611	RESISTOR MGL 3 3M1/2W5%SFTVR37
6005	482213031983	BAT85
	002526554011	CABLE POWER P 2X500UH220CM
	002740010390	CABLE 5P*2SKT BRD/EH BLACK45CM
	005007000240	PAINTED MUL BUTT 21PT 6820
	005102000360	PAINTED BUTTONON-OFF 21PT 6820
	013466061941	LOGO PHILIPS 21TFCOM
	036016010071	FERRIT RING U5 T 31X7X19
	067310001831	FUSE2 5A250V5X20MM TIME-LAGSFT
	070552111831	CPT 21'A51QDX993X230/TF SMS SF
	075110211070	FUSE HOLDER GREY TK79/A2 5ASFT
	606580003730	COIL DEG 21'CPT 9R SFTY NEW
	610306150201	SPEAKER 8R 7W/10W 154X45MM
	631020092021	R/C RCLE011 MONO TXT PHILIPS
	841121021110	COMP SIDE AV 21PTXXXX
	841300300450	COMP 21'PHILIPS 21PT5421 SPEAK
	905102213240	PAINTED CBN.21'PT5520 PHILIPS S
	905110003380	CHASIS GUIDE RIGHT 21'PT6820 UNF
	905110003390	CHASIS GUIDE LEFT 21'PT8820
	905112007820	BACK COVER 21' PT8820 GREY
	905952000360	REFLECTOR 21' PT6820/6920/5520
9SKT	841100021802	CHAS KNT 21'PHLPS PT19MONO TSC
C100	040040152211	CAP CER 2 2NF 1KV 10% BN SFTY
C101	040040152211	CAP CER 2 2NF 1KV 10% BN SFTY
C102	040040152211	CAP CER 2 2NF 1KV 10% BN SFTY
C103	040040152211	CAP CER 2 2NF 1KV 10% BN SFTY
C104	620004062241	CAP MKT220NF275VAC20%RFIX2 SFT
C105	620004062241	CAP MKT220NF275VAC20%RFIX2 SFT
C107	040052044861	CAP CER 470PF 50V 5% COG 0603
C108	040742041061	CAP CER 10PF 50V 5% COG 0603
C109	996500034404	CAP CER 3 3NF 50V 10% X7R 0603
C110	040067041371	CAP CER 1NF 400V%20ACX1Y1SFTY
C113	042719901091	CAP ELECT 100MF450V20%SNP-INPH
C115	040067141061	CAP CER 100NF 50V 10% X7R 0603
C116	040043045681	CAP CER 56PF 50V 5% COG 0603
C117	042416503361	CAP ELECT 33MF 50V 20%
C119	040040172211	CAP CER 220PF 2KV 10% B
C120	620004133331	CAP MKP 33NF 630V 5% 15MM
C121	040040172211	CAP CER 220PF 2KV 10% B
C122	040040172211	CAP CER 220PF 2KV 10% B
C123	040040046821	CAP CER 680PF 2KV 5% 7.5MM
C124	042446502251	CAP ELECT 2 2MF 50V 20%
C125	040040202221	CAPCER2 2NF400VAC20%4KVSFTX1Y1

Pos	12NC Code	Description
C212	040031042261	CAP CER 22PF 50V 5% COG 0603
C213	482212614236	CER2 0603 X7R 50V 2N2 COL R
C214	482212614236	CER2 0603 X7R 50V 2N2 COL R
C215	482212613193	4.7NF10% X7R 63V
C216	040067141061	CAP CER 100NF 50V 10% X7R 0603
C217	040044061861	CAP CER 470NF 16V 10% X7R 0603
C218	040044061861	CAP CER 470NF 16V 10% X7R 0603
C219	040732041061	CAP CER 100PF 50V 5% COG 0603
C220	040732041061	CAP CER 100PF 50V 5% COG 0603
C221	040044061861	CAP CER 470NF 16V 10% X7R 0603
C224	042416501051	CAP ELECT 1MF 50V 20%
C225	040052044861	CAP CER 470PF 50V 5% COG 0603
C226	482212613863	220PF 5% 50V
C227	042416502261	CAP ELECT 22MF 50V 20%
C300	040067141061	CAP CER 100NF 50V 10% X7R 0603
C301	040067141061	CAP CER 100NF 50V 10% X7R 0603
C302	040067141061	CAP CER 100NF 50V 10% X7R 0603
C303	040151041051	CAP CER 100NF 50V 10% B
C304	040067141061	CAP CER 100NF 50V 10% X7R 0603
C305	040067141061	CAP CER 100NF 50V 10% X7R 0603
C306	040067141061	CAP CER 100NF 50V 10% X7R 0603
C307	040067141061	CAP CER 100NF 50V 10% X7R 0603
C308	040067141061	CAP CER 100NF 50V 10% X7R 0603
C309	040067141061	CAP CER 100NF 50V 10% X7R 0603
C310	040067141061	CAP CER 100NF 50V 10% X7R 0603
C311	040067141061	CAP CER 100NF 50V 10% X7R 0603
C313	040067141061	CAP CER 100NF 50V 10% X7R 0603
C314	040067141061	CAP CER 100NF 50V 10% X7R 0603
C315	620013061041	CAP MKT 100NF 63V 5% 5MM
C316	040067141061	CAP CER 100NF 50V 10% X7R 0603
C317	040067141061	CAP CER 100NF 50V 10% X7R 0603
C318	040067141061	CAP CER 100NF 50V 10% X7R 0603
C319	042414164761	CAP ELECT 47MF 16V 20%
C321	042414164761	CAP ELECT 47MF 16V 20%
C322	042446161061	CAP ELECT 10MF 16V 20%
C324	042446161061	CAP ELECT 10MF 16V 20%
C326	040732041061	CAP CER 100PF 50V 5% COG 0603
C327	040732041061	CAP CER 100PF 50V 5% COG 0603
C328	040732041061	CAP CER 100PF 50V 5% COG 0603
C329	040732041061	CAP CER 100PF 50V 5% COG 0603
C332	042416501051	CAP ELECT 1MF 50V 20%
C333	042416501051	CAP ELECT 1MF 50V 20%
C334	042416501051	CAP ELECT 1MF 50V 20%

Downloaded from www.Manualslib.com manuals search engine

Pos	12NC Code	Description
C404	040067141061	CAP CER 100NF 50V 10% X7R 0603
C405	040067141061	CAP CER 100NF 50V 10% X7R 0603
C406	040067141061	CAP CER 100NF 50V 10% X7R 0603
C407	040067141061	CAP CER 100NF 50V 10% X7R 0603
C408	040043045661	CAP CER 56PF 50V 5% COG 0603
C409	040043045661	CAP CER 56PF 50V 5% COG 0603
C410	040043045661	CAP CER 56PF 50V 5% COG 0603
C411	040032042281	CAP CER 2 2PF 50V 5% COG 0805
C412	040032042281	CAP CER 2 2PF 50V 5% COG 0805
C413	042446161061	CAP ELECT 10MF 16V 20%
C414	042446161061	CAP ELECT 10MF 16V 20%
C415	482212613883	220PF 5% 50V
C416	042446161061	CAP ELECT 10MF 16V 20%
C417	042446161061	CAP ELECT 10MF 16V 20%
C418	042446161061	CAP ELECT 10MF 16V 20%
C419	042446161061	CAP ELECT 10MF 16V 20%
C420	532212611578	1NF 10% X7R 50V 0603
C421	532212611578	1NF 10% X7R 50V 0603
C422	532212611578	1NF 10% X7R 50V 0603
C423	532212611578	1NF 10% X7R 50V 0603
C424	040052043381	CAP CER 330NF 50V20-80%Y5V0805
C425	040052043381	CAP CER 330NF 50V20-80%Y5V0805
C426	040052043381	CAP CER 330NF 50V20-80%Y5V0805
C427	040052043381	CAP CER 330NF 50V20-80%Y5V0805
C428	040052043381	CAP CER 330NF 50V20-80%Y5V0805
C429	040052043381	CAP CER 330NF 50V20-80%Y5V0805
C430	040052043381	CAP CER 330NF 50V20-80%Y5V0805
C431	040732041061	CAP CER 100PF 50V 5% COG 0603
C432	040732041061	CAP CER 100PF 50V 5% COG 0603
C433	040732041061	CAP CER 100PF 50V 5% COG 0603
C434	040732041061	CAP CER 100PF 50V 5% COG 0603
C435	040732041061	CAP CER 100PF 50V 5% COG 0603
C436	040732041061	CAP CER 100PF 50V 5% COG 0603
C437	042033901011	CAP ELECT 3 3MF 50V 20%
C438	042033901011	CAP ELECT 3 3MF 50V 20%
C439	042140161071	CAP ELECT 100MF 16V 20%
C441	042416501051	CAP ELECT 1MF 50V 20%
C442	042416501051	CAP ELECT 1MF 50V 20%
C446	042410252281	CAP ELECT 2200MF 25V 20%
C447	040732041061	CAP CER 100PF 50V 5% COG 0603
C448	040732041061	CAP CER 100PF 50V 5% COG 0603
C449	042194504751	CAP ELECT 4 7MF 50V 20%
C450	042194504751	CAP ELECT 4 7MF 50V 20%

Pos	12NC Code	Description
C621	040040046821	CAP CER 680PF 2KV 5% 7 5MM
C622	042033911011	CAP ELECT 3 3MF 250V
C623	620004028041	CAP MKP 220NF 250V 5% 15MM
C624	040050151011	CAP CER 100PF 1KVAC P7 5HT
C625	042416351081	CAP ELECT 1000MF 35V 20% RSS
C703	042414164781	CAP ELECT 47MF 16V 20%
C705	042414164781	CAP ELECT 47MF 16V 20%
C706	042414164781	CAP ELECT 47MF 16V 20%
C707	042414164781	CAP ELECT 47MF 16V 20%
C712	482212614241	CER1 0603 NPO 50V 330P COL R
C713	482212614241	CER1 0603 NPO 50V 330P COL R
C714	482212614241	CER1 0603 NPO 50V 330P COL R
C715	482212614241	CER1 0603 NPO 50V 330P COL R
C720	482212614241	CER1 0603 NPO 50V 330P COL R
C721	482212614241	CER1 0603 NPO 50V 330P COL R
C722	482212614241	CER1 0603 NPO 50V 330P COL R
C723	482212614241	CER1 0603 NPO 50V 330P COL R
C724	042446161061	CAP ELECT 10MF 16V 20%
C725	040031042261	CAP CER 22PF 50V 5% COG 0603
C726	040031042261	CAP CER 22PF 50V 5% COG 0603
C727	532212611578	1NF 10% X7R 50V 0603
C902	040032041001	CAP CER 10PF 50V 5% CH
C903	040237044711	CAP CER 220PF 50V 5% SL
C904	040237044711	CAP CER 220PF 50V 5% SL
C908	042414254781	CAP ELECT 47MF 25V 20%
C909	042414254781	CAP ELECT 47MF 25V 20%
C910	040030014031	CAP CER 10NF 50V 10% SH
C911	040030014031	CAP CER 10NF 50V 10% SH
C912	040237044711	CAP CER 220PF 50V 5% SL
C913	040237044711	CAP CER 220PF 50V 5% SL
D100	048321423201	DIODE RECT 1N4007 DO-41
D101	048321423201	DIODE RECT 1N4007 DO-41
D102	048321423201	DIODE RECT 1N4007 DO-41
D103	048321423201	DIODE RECT 1N4007 DO-41
D106	048110411111	DIODE LS4148 SOD80 QMELF
D107	048110411111	DIODE LS4148 SOD80 QMELF
D108	048110411111	DIODE LS4148 SOD80 QMELF
D109	048110411111	DIODE LS4148 SOD80 QMELF
D110	048110411111	DIODE LS4148 SOD80 QMELF
D111	482213041467	BYV95C
D112	482213041602	BYW95C
D113	482213041467	BYV95C
D114	482213041467	BYV95C

Downloaded from www.Manualslib.com manuals search engine

Pos	12NC Code	Description
D600	048321423201	DIODE RECT.1N4007 DO-41
D601	482213041487	BYV95C
D602	482213041487	BYV95C
D603	482213041487	BYV95C
D604	482213041487	BYV95C
D605	482213041487	BYV95C
D606	048110411111	DIODE LS4148 SOD80 QMELF
D703	048110411111	DIODE LS4148 SOD80 QMELF
D704	482213080884	BZV55-C5V1
F300	037730007801	FILTER SAW K3953M B/G L/L' VID
F301	037730007101	FILTER TRAP TRI.5.5/6.0/6.5MHZ
F302	037730007771	FILTER SAW K9453M B/GD/KL/L'AU
FBT1	604200000391	TRF.FBT 90PT90A W/BLE 125VSFT
I100	045000003631	IC ICE1QS01
I101	045036362811	IC TCDT1101 OPTOCUPLER
I103	045236103051	IC LM317 1.5A ADJ V REG TO-220
I104	045236103081	IC LM7805 5V1A VOLT REG TO-220
I200	045000004121	IC ST92195C8B1/MPY
I201	045000004541	IC 24C16 EEPROM CSI
I300	045000002291	IC STV2248E PAL/NTSC/SECAMPROG
I401	045000001561	IC MSP3410G D.SOUND PROC.DIP52
I403	045000000981	IC TDA7057AQ 2X5W STEREO AMP.
I600	045000001971	IC TDA1771 VERTICAL DEFLECTION
J108	482205130008	0R00 JUMPER
J201	482205130008	0R00 JUMPER
J308	482205130008	0R00 JUMPER
J422	482205130008	0R00 JUMPER
J423	482205130008	0R00 JUMPER
J424	482205130008	0R00 JUMPER
J704	482205130008	0R00 JUMPER
J705	482205130008	0R00 JUMPER
J930	482205130008	0R00 JUMPER
J933	482205130008	0R00 JUMPER
J934	040742022261	CAP CER 22NF 50V 5% X7R 0603
K401	841140010059	COMP.CABLE 5P*2SKT45CMBRDEHFE
K901	075030211091	CONN.5P VRT EH MN
K903	075012880491	SOCKET CHINCH TRIPLE Y/W/R
K905	002740000000	CABLE 4PX1SK D.A24 SP25 65CMEH
K905	075030211081	CONN.4P VRT EH
K906	075016420221	SOCKET HEADPHONE 7PINSTRPHILIP
K907	075030211501	CONN.5P VRT BLACK EH MN
KTJS	841120021801	COMP.KEY BOARD 21PT5421
L102	608780002411	COIL FILTER 3.5*9*0.8 F.BEAD

Pos	12NC Code	Description
L706	036070204111	FERRIT BEAD LI0805H151R-00 SMD
L707	608960000101	COIL 12UH 5% 0.15A AXIAL FIXED
L708	608960000101	COIL 12UH 5% 0.15A AXIAL FIXED
L709	608960000101	COIL 12UH 5% 0.15A AXIAL FIXED
L710	608960000101	COIL 12UH 5% 0.15A AXIAL FIXED
L711	036070204111	FERRIT BEAD LI0805H151R-00 SMD
L712	036070204111	FERRIT BEAD LI0805H151R-00 SMD
L715	036070204111	FERRIT BEAD LI0805H151R-00 SMD
L716	036070204111	FERRIT BEAD LI0805H151R-00 SMD
L717	608000000021	COIL 10UH 5% 0.16A AXIAL FIXED
L718	608000000021	COIL 10UH 5% 0.16A AXIAL FIXED
L719	608960000101	COIL 12UH 5% 0.15A AXIAL FIXED
L720	608960000101	COIL 12UH 5% 0.15A AXIAL FIXED
L901	608760002411	COIL FILTER 3.5*9*0.8 F.BEAD
L902	030140612311	RESISTOR C.F 12K 1/6W 5%
L904	608060000331	COIL 33UH 0.16A 5% AX.FIXED
L905	608060000331	COIL 33UH 0.16A 5% AX.FIXED
P101	034710304011	SINCERA PTC 16R 30%2P 10MM SFT
Q100	046848000001	TRS.BC848B SOT-23
R100	032040555211	RESS.W.W 5.6R 5W 10%VERCM SFTY
R102	482205130183	18K00 5% 0,062W
R103	030010611231	RES. M.F 1M 1/4W 2% VOLT.PROOF
R104	482205130008	0R00 JUMPER
R105	482205130472	4K70 5% 0,062W
R107	030010611241	RES.H.VOLT PRF 1.2M 1/4W2% SFT
R108	030010639461	RESISTOR C.F 390K 1/10W5% 0603
R109	482205130479	47R00 5% 0,062W
R110	030025610011	RESISTOR FUSIBLE 10R 1/4W 5%
R111	482205130103	10K00 5% 0,062W
R112	482211712925	47K 1% 0.063W 0603
R114	482205130101	100R00 5% 0,062W
R115	032040633521	RESISTOR W.W 33K 5W 15MM
R116	482205130759	75R00 5% 0,062W
R117	482205130221	220R00 5% 0,062W
R118	482205130393	39K00 5% 0,062W
R120	000050633611	RESISTOR MGL 3.3M1/2W5%SFTVR37
R121	030020615331	RESISTOR C.F 15K 1/4W 5%
R122	000020615331	RESISTOR C.F 15K 1/4W 5%
R123	000020615331	RESISTOR C.F 15K 1/4W 5%
R124	067310001851	FUSE 5A 32V 0603
R125	482205130223	22K00 5% 0,062W
R126	482205130223	22K00 5% 0,062W
R127	030020622331	RESISTOR C.F 22K 1/4W 5%

Downloaded from www.Manualslib.com manuals search engine

Pos	12NC Code	Description
R218	482205130561	560R00 5% 0,062W
R219	482205130561	560R00 5% 0,062W
R220	482205130561	560R00 5% 0,062W
R221	482205130102	1K00 5% 0,062W
R222	482205130103	10K00 5% 0,062W
R223	482205130103	10K00 5% 0,062W
R224	482205130103	10K00 5% 0,062W
R225	482205130103	10K00 5% 0,062W
R226	482205130223	22K00 5% 0,062W
R227	482205130582	5K6 5% 0,063W 0603 RC21 RST SM
R228	482205130582	5K6 5% 0,063W 0603 RC21 RST SM
R229	482205130153	15K00 5% 0,062W
R230	482205130222	2K20 5% 0,062W
R235	482205130006	0R00 JUMPER
R236	482211712925	47K 1% 0.063W 0603
R237	482211712925	47K 1% 0.063W 0603
R241	482205130101	100R00 5% 0,062W
R242	482205130101	100R00 5% 0,062W
R247	482205130562	5K6 5% 0,063W 0603 RC21 RST SM
R300	482205130472	4K70 5% 0,062W
R308	030010839461	RESISTOR C.F 390K 1/10W5% 0603
R312	482205130102	1K00 5% 0,062W
R313	030010612261	RESISTOR C.F 1.2K 1/10W5% 0603
R314	030140610201	RESISTOR C.F 1K 1/6W 5%
R315	482205130102	1K00 5% 0,062W
R316	482205130102	1K00 5% 0,062W
R317	482205130102	1K00 5% 0,062W
R323	482205130103	10K00 5% 0,062W
R324	482205130103	10K00 5% 0,062W
R325	482205130103	10K00 5% 0,062W
R326	482205130103	10K00 5% 0,062W
R327	482205130103	10K00 5% 0,062W
R328	482205130273	27K00 5% 0,062W
R329	482205130273	27K00 5% 0,062W
R330	482205130273	27K00 5% 0,062W
R331	482205130101	100R00 5% 0,062W
R332	482205130101	100R00 5% 0,062W
R337	482211712925	47K 1% 0.063W 0603
R338	482205130101	100R00 5% 0,062W
R339	482205130101	100R00 5% 0,062W
R340	482205130101	100R00 5% 0,062W
R348	482205130223	22K00 5% 0,062W
R349	482205130102	1K00 5% 0,062W

Pos	12NC Code	Description
R412	482205130223	22K00 5% 0,062W
R413	030010683061	RESISTOR C.F 2K 1/10W5% 0603
R414	030010683061	RESISTOR C.F 2K 1/10W5% 0603
R415	030010612261	RESISTOR C.F 1.2K 1/10W5% 0603
R417	482205130472	4K70 5% 0,062W
R418	482205130472	4K70 5% 0,062W
R419	482205130472	4K70 5% 0,062W
R420	030010682161	RESISTOR C.F 820R 1/10W5% 0603
R421	030010682161	RESISTOR C.F 820R 1/10W5% 0603
R425	482205130101	100R00 5% 0,062W
R426	482205130101	100R00 5% 0,062W
R501	030010682161	RESISTOR C.F 820R 1/10W5% 0603
R502	030010682161	RESISTOR C.F 820R 1/10W5% 0603
R503	030010682161	RESISTOR C.F 820R 1/10W5% 0603
R504	482205130471	470R00 5% 0,062W
R505	482205130109	10R00 5% 0,062W
R506	482205130471	470R00 5% 0,062W
R507	482205130109	10R00 5% 0,062W
R508	482205130471	470R00 5% 0,062W
R509	482205130109	10R00 5% 0,062W
R510	030208627311	RESISTOR M.O 27K 2W 5%
R511	030208627311	RESISTOR M.O 27K 2W 5%
R512	030208627311	RESISTOR M.O 27K 2W 5%
R513	030105622121	RESISTOR FUSIBLE 220R 1/4W 5%
R514	030105622121	RESISTOR FUSIBLE 220R 1/4W 5%
R515	030105622121	RESISTOR FUSIBLE 220R 1/4W 5%
R516	030010656221	RESISTOR FUSIBLE 5.6K 1W 5%
R517	030050715221	RES. C. COMP 1.5K 1/2W
R518	030050715221	RES. C. COMP 1.5K 1/2W
R519	030050715221	RES. C. COMP 1.5K 1/2W
R520	030020615431	RESISTOR C.F 150K 1/4W 5%
R521	030020622511	RESISTOR C.F 2.2M 1/4W 5%
R522	030050715221	RES. C. COMP 1.5K 1/2W
R525	030010600061	RESISTOR C.F 0R 1/8W 5% 0805
R527	030010600061	RESISTOR C.F 0R 1/8W 5% 0805
R529	030010600061	RESISTOR C.F 0R 1/8W 5% 0805
R530	030050715221	RES. C. COMP 1.5K 1/2W
R533	030025601021	RESISTOR FUSIBLE 2.7R 1W %2
R600	482205130101	100R00 5% 0,062W
R601	030020610131	RESISTOR C.F 100R 1/4W 5%
R602	030010615461	RESISTOR C.F 150K 1/10W5% 0603
R603	482205130184	180K00 5% 0,062W
R604	482205130332	3K30 5% 0,062W

Downloaded from www.Manualslib.com manuals search engine

Pos	12NC Code	Description
R640	030020620211	RESISTOR C.F 2K 1/4W 5%
R641	482205130223	22K00 5% 0,062W
R702	482205130103	10K00 5% 0,062W
R703	482205130123	12K00 5% 0,062W
R704	482205130123	12K00 5% 0,062W
R705	030010682261	RESISTOR C.F 8.2K 1/10W5% 0603
R706	482205130123	12K00 5% 0,062W
R707	482205130123	12K00 5% 0,062W
R709	482205130103	10K00 5% 0,062W
R710	482205130103	10K00 5% 0,062W
R714	482205130472	4K70 5% 0,062W
R715	482205130471	470R00 5% 0,062W
R716	482205130471	470R00 5% 0,062W
R717	482205130471	470R00 5% 0,062W
R718	482205130471	470R00 5% 0,062W
R719	482205130008	0R00 JUMPER
R719	482205130471	470R00 5% 0,062W
R720	482205130759	75R00 5% 0,062W
R721	482205130759	75R00 5% 0,062W
R722	482205130759	75R00 5% 0,062W
R723	482205130759	75R00 5% 0,062W
R724	482205130759	75R00 5% 0,062W
R725	482205130759	75R00 5% 0,062W
R726	482205130759	75R00 5% 0,062W
R727	030010615161	RESISTOR C.F 150R 1/10W5% 0603
R728	482205130759	75R00 5% 0,062W
R729	030010622261	RESISTOR C.F 22R 1/10W5% 0603
R730	482205130101	100R00 5% 0,062W
R731	482205130101	100R00 5% 0,062W
R732	482205130101	100R00 5% 0,062W
R733	482205130101	100R00 5% 0,062W
R734	482205130101	100R00 5% 0,062W
R735	030010682261	RESISTOR C.F 8.2K 1/10W5% 0603
R736	030010622261	RESISTOR C.F 22R 1/10W5% 0603
R737	030010647961	RESISTOR C.F 4.7R 1/10W5% 0603
R741	482205130102	1K00 5% 0,062W
R742	482205130102	1K00 5% 0,062W
R744	482205130102	1K00 5% 0,062W
R745	482205130102	1K00 5% 0,062W
R746	482205130102	1K00 5% 0,062W
R747	482205130102	1K00 5% 0,062W
R752	482205130223	22K00 5% 0,062W
R753	482205130223	22K00 5% 0,062W

Pos	12NC Code	Description
T106	046848000001	TRS.BC848B SOT-23
T107	046000000131	TRS. POW BD135
T200	046856000001	TRS.BC858 BP
T201	046848000001	TRS.BC848B SOT-23
T202	046848000001	TRS.BC848B SOT-23
T304	046848000001	TRS.BC848B SOT-23
T305	046848000001	TRS.BC848B SOT-23
T306	046848000001	TRS.BC848B SOT-23
T307	616800021121	TUNER CTF5540 THOMSON
T401	046848000001	TRS.BC848B SOT-23
T402	046848000001	TRS.BC848B SOT-23
T501	482213041782	BF422
T502	482213041782	BF422
T503	482213041782	BF422
T504	482213041782	BF422
T505	482213041646	BF423
T506	482213041782	BF422
T507	482213041646	BF423
T508	482213041782	BF422
T509	482213041646	BF423
T600	482213040855	BC337
T601	046848000001	TRS.BC848B SOT-23
T602	046986294161	TRS.2SA720 & BC327 TO-92
T603	482213041053	BC639
T604	046933000171	TRS. HOR.OUT ST1803DHI
T703	046848000001	TRS.BC848B SOT-23
T704	046848000001	TRS.BC848B SOT-23
T706	046848000001	TRS.BC848B SOT-23
T707	046848000001	TRS.BC848B SOT-23
T708	046848000001	TRS.BC848B SOT-23
T709	046848000001	TRS.BC848B SOT-23
V101	611360012031	TRIMPOT 20K 0.1W 30% V-ADJ 5/5
W600	602300033071	TRF.HRZ.DRIVE PT92
X200	049030000461	CRYSTAL 4.000 MHZ HC49U
X300	049030000501	CRYSTAL 4.433619 MHZ HC49U
X301	049030000511	CRYSTAL 3.579545 MHZ HC49U
X401	049030000541	CRYSTAL 18.432 MHZ HC49U
X402	996500020799	FILTER CER TPSRD4.43MHZ
Z100	045196000011	IC TL431CLP REGULATOR

Downloaded from www.Manualslib.com manuals search engine

11. Revision List

11.1 Manual xxxx xxx xxxxx.0

- First release.

11.2 Manual xxxx xxx xxxxx.1

- **Chapter 1:** 21PT5421 information added.
- **Chapter 5:** Main Board diversity table added.
- **Chapter 7:** Main Board version 05TA085-6 added.
- **Chapter 10:** New spare parts list.

Downloaded from www.Manualslib.com manuals search engine